Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
Data File : BN017231.D
Acq On : 02 Nov 2021 03:42
Operator : CG/JU
Sample : PB140277BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB140277BSD

Quant Time: Nov 02 04:16:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 17:00:24 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.552 | 152 | 34606 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.319 | 136 | 153610 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.194 | 164 | 79120 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.934 | 188 | 146391 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.144 | 240 | 147394 | 0.400 | ng | #-0.01 |
| 35) Perylene-d12 | 23.349 | 264 | 146683 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.163 | 112 | 25616 | 0.306 | ng | 0.00 |
| 5) Phenol-d6 | 6.740 | 99 | 27613 | 0.302 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.697 | 82 | 30147 | 0.320 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.920 | 152 | 73873 | 0.341 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.691 | 330 | 8108 | 0.295 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.811 | 172 | 104722 | 0.352 | ng | 0.00 |
| 27) Fluoranthene-d10 | 18.980 | 212 | 126622 | 0.340 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.595 | 244 | 108919 | 0.338 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.153 | 88 | 7931 | 0.322 | ng | # 69 |
| 3) n-Nitrosodimethylamine | 3.485 | 42 | 10482 | 0.322 | ng | # 99 |
| 6) bis(2-Chloroethyl)ether | 6.998 | 93 | 32317 | 0.343 | ng | 99 |
| 9) Naphthalene | 10.370 | 128 | 137378 | 0.332 | ng | 100 |
| 10) Hexachlorobutadiene | 10.662 | 225 | 26108 | 0.347 | ng | # 99 |
| 12) 2-Methylnaphthalene | 11.991 | 142 | 88584 | 0.348 | ng | 100 |
| 16) Acenaphthylene | 13.902 | 152 | 108230 | 0.333 | ng | 100 |
| 17) Acenaphthene | 14.257 | 154 | 76039 | 0.349 | ng | 100 |
| 18) Fluorene | 15.247 | 166 | 89961 | 0.349 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.336 | 198 | 2228 | 0.297 | ng | 96 |
| 21) 4-Bromophenyl-phenylether | 16.143 | 248 | 27564 | 0.336 | ng | 96 |
| 22) Hexachlorobenzene | 16.252 | 284 | 30955 | 0.351 | ng | 99 |
| 23) Atrazine | 16.423 | 200 | 17496 | 0.315 | ng | 98 |
| 24) Pentachlorophenol | 16.605 | 266 | 6416 | 0.356 | ng | 100 |
| 25) Phenanthrene | 16.982 | 178 | 145250 | 0.354 | ng | 100 |
| 26) Anthracene | 17.068 | 178 | 116054 | 0.329 | ng | 100 |
| 28) Fluoranthene | 19.015 | 202 | 160473 | 0.357 | ng | 100 |
| 30) Pyrene | 19.377 | 202 | 161906 | 0.343 | ng | 100 |
| 32) Benzo(a)anthracene | 21.133 | 228 | 146759 | 0.321 | ng | 99 |
| 33) Chrysene | 21.186 | 228 | 169325 | 0.363 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.091 | 149 | 55292 | 0.354 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.567 | 276 | 175605 | 0.340 | ng | 99 |
| 37) Benzo(b)fluoranthene | 22.692 | 252 | 156351 | 0.331 | ng | 100 |
| 38) Benzo(k)fluoranthene | 22.736 | 252 | 164515 | 0.351 | ng | 98 |
| 39) Benzo(a)pyrene | 23.253 | 252 | 142800 | 0.335 | ng | 100 |
| 40) Dibenzo(a,h)anthracene | 25.587 | 278 | 140017 | 0.335 | ng | 99 |
| 41) Benzo(g,h,i)perylene | 26.241 | 276 | 149744 | 0.330 | ng | 100 |

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

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