Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
Data File : BN033467.D
Acq On : 17 Aug 2024 14:32
Operator : MA/JU
Sample : PB162723BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Aug 17 23:30:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PB162723BS

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.560 | 152 | 10329 | 0.400 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.325 | 136 | 27292 | 0.400 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.189 | 164 | 12414 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.942 | 188 | 23231 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.148 | 240 | 17927 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.320 | 264 | 18973 | 0.400 | ng | | #-0.01 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.191 | 112 | 9502 | 0.333 | ng | | 0.00 |
| 5) Phenol-d6 | 6.743 | 99 | 11445 | 0.297 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.692 | 82 | 8097 | 0.393 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.919 | 152 | 13410 | 0.319 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.688 | 330 | 1691 | 0.266 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.810 | 172 | 19498 | 0.383 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 18.984 | 212 | 19793 | 0.319 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.598 | 244 | 12983 | 0.383 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.190 | 88 | 4354 | 0.379 | ng | | 94 |
| 3) n-Nitrosodimethylamine | 3.479 | 42 | 5156 | 0.349 | ng | # | 93 |
| 6) bis(2-Chloroethyl)ether | 6.996 | 93 | 11128 | 0.357 | ng | | 99 |
| 9) Naphthalene | 10.368 | 128 | 27753 | 0.369 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.667 | 225 | 5557 | 0.387 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.990 | 142 | 16665 | 0.328 | ng | | 98 |
| 16) Acenaphthylene | 13.911 | 152 | 19258 | 0.332 | ng | | 100 |
| 17) Acenaphthene | 14.253 | 154 | 13633 | 0.343 | ng | | 98 |
| 18) Fluorene | 15.247 | 166 | 16816 | 0.321 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.333 | 198 | 735 | 0.261 | ng | | 97 |
| 21) 4-Bromophenyl-phenylether | 16.147 | 248 | 5310 | 0.382 | ng | # | 83 |
| 22) Hexachlorobenzene | 16.259 | 284 | 6095 | 0.391 | ng | | 98 |
| 23) Atrazine | 16.421 | 200 | 3693 | 0.335 | ng | # | 89 |
| 24) Pentachlorophenol | 16.594 | 266 | 2096 | 0.333 | ng | | 99 |
| 25) Phenanthrene | 16.979 | 178 | 24590 | 0.366 | ng | | 100 |
| 26) Anthracene | 17.078 | 178 | 20526 | 0.346 | ng | | 100 |
| 28) Fluoranthene | 19.012 | 202 | 26940 | 0.326 | ng | | 100 |
| 30) Pyrene | 19.375 | 202 | 27888 | 0.391 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.131 | 228 | 24506 | 0.366 | ng | | 99 |
| 33) Chrysene | 21.184 | 228 | 24980 | 0.371 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.095 | 149 | 12760 | 0.419 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.481 | 276 | 30123 | 0.384 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.674 | 252 | 26543 | 0.372 | ng | | 96 |
| 38) Benzo(k)fluoranthene | 22.718 | 252 | 25920m | 0.356 | ng | | |
| 39) Benzo(a)pyrene | 23.224 | 252 | 22086 | 0.367 | ng | # | 94 |
| 40) Dibenzo(a,h)anthracene | 25.493 | 278 | 24100 | 0.389 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.130 | 276 | 25932 | 0.378 | ng | | 99 |

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

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