Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
Data File : BN035933.D
Acq On : 15 Jan 2025 16:24
Operator : RC/JU
Sample : PB166053BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB166053BS

Quant Time: Jan 15 16:58:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.824 | 152 | 941 | 0.400 | ng | | -0.01 |
| 7) Naphthalene-d8 | 10.622 | 136 | 1790 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.463 | 164 | 956 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.199 | 188 | 1886 | 0.400 | ng | | -0.01 |
| 29) Chrysene-d12 | 21.376 | 240 | 1502 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.681 | 264 | 1677 | 0.400 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.398 | 112 | 866 | 0.375 | ng | | -0.01 |
| 5) Phenol-d6 | 6.979 | 99 | 1047 | 0.365 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.967 | 82 | 668 | 0.471 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.208 | 152 | 959 | 0.400 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.945 | 330 | 272 | 0.593 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.084 | 172 | 1687 | 0.402 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.230 | 212 | 1885 | 0.403 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.829 | 244 | 1304 | 0.436 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.318 | 88 | 333 | 0.356 | ng | # | 87 |
| 3) n-Nitrosodimethylamine | 3.621 | 42 | 838 | 0.514 | ng | # | 75 |
| 6) bis(2-Chloroethyl)ether | 7.247 | 93 | 779 | 0.357 | ng | | 94 |
| 9) Naphthalene | 10.664 | 128 | 1963 | 0.391 | ng | | 97 |
| 10) Hexachlorobutadiene | 10.974 | 225 | 713 | 0.437 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.284 | 142 | 1246 | 0.401 | ng | | 96 |
| 16) Acenaphthylene | 14.174 | 152 | 1792 | 0.398 | ng | | 100 |
| 17) Acenaphthene | 14.516 | 154 | 1225 | 0.415 | ng | | 93 |
| 18) Fluorene | 15.500 | 166 | 1245 | 0.383 | ng | | 97 |
| 20) 4,6-Dinitro-2-methylph... | 15.573 | 198 | 198 | 0.604 | ng | # | 71 |
| 21) 4-Bromophenyl-phenylether | 16.392 | 248 | 606 | 0.469 | ng | | 90 |
| 22) Hexachlorobenzene | 16.516 | 284 | 722 | 0.409 | ng | | 97 |
| 23) Atrazine | 16.665 | 200 | 414 | 0.477 | ng | # | 88 |
| 24) Pentachlorophenol | 16.851 | 266 | 356 | 0.570 | ng | | 98 |
| 25) Phenanthrene | 17.236 | 178 | 2223 | 0.404 | ng | | 99 |
| 26) Anthracene | 17.335 | 178 | 2024 | 0.404 | ng | | 97 |
| 28) Fluoranthene | 19.258 | 202 | 2556 | 0.398 | ng | # | 98 |
| 30) Pyrene | 19.620 | 202 | 2586 | 0.424 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.367 | 228 | 2269 | 0.429 | ng | | 100 |
| 33) Chrysene | 21.412 | 228 | 2155 | 0.389 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149 | 1176 | 0.546 | ng | | 93 |
| 36) Indeno(1,2,3-cd)pyrene | 26.031 | 276 | 2704 | 0.409 | ng | # | 94 |
| 37) Benzo(b)fluoranthene | 22.988 | 252 | 2274 | 0.395 | ng | | 95 |
| 38) Benzo(k)fluoranthene | 23.031 | 252 | 2218 | 0.389 | ng | | 95 |
| 39) Benzo(a)pyrene | 23.581 | 252 | 1965 | 0.394 | ng | # | 95 |
| 40) Dibenzo(a,h)anthracene | 26.055 | 278 | 2188 | 0.416 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.745 | 276 | 2332 | 0.396 | ng | | 96 |

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

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