Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033563.D
Acq On : 22 Aug 2024 22:03
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 23 00:23:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.545 | 152 | 8400 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.304 | 136 | 22013 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.178 | 164 | 10449 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.929 | 188 | 19500 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.139 | 240 | 13945 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.303 | 264 | 14856 | 0.400 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.176 | 112 | 8863 | 0.332 | ng | | 0.00 |
| 5) Phenol-d6 | 6.729 | 99 | 11041 | 0.348 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.681 | 82 | 6487 | 0.355 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.903 | 152 | 11397 | 0.362 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.676 | 330 | 1794 | 0.319 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.799 | 172 | 16346 | 0.383 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.970 | 212 | 16632 | 0.355 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.584 | 244 | 10971 | 0.346 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.183 | 88 | 3382 | 0.350 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.479 | 42 | 3913 | 0.348 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 6.982 | 93 | 8604 | 0.382 | ng | | 100 |
| 9) Naphthalene | 10.357 | 128 | 21629 | 0.368 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.656 | 225 | 4393 | 0.374 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.979 | 142 | 13365 | 0.359 | ng | | 99 |
| 16) Acenaphthylene | 13.900 | 152 | 16356 | 0.357 | ng | | 99 |
| 17) Acenaphthene | 14.242 | 154 | 11378 | 0.353 | ng | | 98 |
| 18) Fluorene | 15.236 | 166 | 14023 | 0.345 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.322 | 198 | 646 | 0.212 | ng | | 94 |
| 21) 4-Bromophenyl-phenylether | 16.135 | 248 | 4432 | 0.374 | ng | # | 94 |
| 22) Hexachlorobenzene | 16.247 | 284 | 5010 | 0.383 | ng | | 99 |
| 23) Atrazine | 16.421 | 200 | 3310 | 0.350 | ng | # | 91 |
| 24) Pentachlorophenol | 16.594 | 266 | 1869 | 0.330 | ng | | 98 |
| 25) Phenanthrene | 16.967 | 178 | 20144 | 0.371 | ng | | 100 |
| 26) Anthracene | 17.066 | 178 | 17109 | 0.356 | ng | | 100 |
| 28) Fluoranthene | 19.003 | 202 | 21191 | 0.353 | ng | | 100 |
| 30) Pyrene | 19.365 | 202 | 21665 | 0.348 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.122 | 228 | 18513 | 0.367 | ng | | 100 |
| 33) Chrysene | 21.175 | 228 | 18774 | 0.375 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.086 | 149 | 10987m | 0.344 | ng | | |
| 36) Indeno(1,2,3-cd)pyrene | 25.449 | 276 | 23101 | 0.375 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.660 | 252 | 20325 | 0.366 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 22.704 | 252 | 20060 | 0.367 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.209 | 252 | 16799 | 0.366 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.469 | 278 | 18290 | 0.371 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.104 | 276 | 19730 | 0.374 | ng | | 100 |

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

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