Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
Data File : BN030049.D
Acq On : 26 Feb 2024 09:43
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 02/27/2024
Supervised By :mohammad ahmed 02/28/2024

Quant Time: Feb 26 10:51:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.847 | 152 | 4723 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.648 | 136 | 12578 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.490 | 164 | 5835 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.255 | 188 | 11864 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.456 | 240 | 8595 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.821 | 264 | 8141 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.428 | 112 | 4703 | 0.415 | ng | 0.00 |
| 5) Phenol-d6 | 7.017 | 99 | 5013 | 0.383 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.014 | 82 | 4128 | 0.394 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.242 | 152 | 6786 | 0.396 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.002 | 330 | 770 | 0.411 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.121 | 172 | 9358 | 0.374 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.285 | 212 | 11855 | 0.413 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.898 | 244 | 8505 | 0.399 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.348 | 88 | 2529 | 0.380 | ng | 97 |
| 3) n-Nitrosodimethylamine | 3.687 | 42 | 2075 | 0.383 | ng | # 91 |
| 6) bis(2-Chloroethyl)ether | 7.291 | 93 | 5029 | 0.403 | ng | 99 |
| 9) Naphthalene | 10.690 | 128 | 14170 | 0.395 | ng | 100 |
| 10) Hexachlorobutadiene | 10.968 | 225 | 2801 | 0.412 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.314 | 142 | 8164 | 0.388 | ng | 99 |
| 16) Acenaphthylene | 14.212 | 152 | 9541 | 0.344 | ng | 100 |
| 17) Acenaphthene | 14.554 | 154 | 7332 | 0.394 | ng | 98 |
| 18) Fluorene | 15.543 | 166 | 8798 | 0.377 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.654 | 198 | 404 | 0.232 | ng | # 62 |
| 21) 4-Bromophenyl-phenylether | 16.449 | 248 | 2666m | 0.378 | ng | |
| 22) Hexachlorobenzene | 16.548 | 284 | 3491 | 0.403 | ng | 93 |
| 23) Atrazine | 16.734 | 200 | 1949 | 0.388 | ng | 99 |
| 24) Pentachlorophenol | 16.908 | 266 | 1131 | 0.412 | ng | 99 |
| 25) Phenanthrene | 17.293 | 178 | 12941 | 0.369 | ng | 99 |
| 26) Anthracene | 17.392 | 178 | 11025 | 0.369 | ng | 100 |
| 28) Fluoranthene | 19.317 | 202 | 15341 | 0.389 | ng | 99 |
| 30) Pyrene | 19.680 | 202 | 15817 | 0.400 | ng | 100 |
| 32) Benzo(a)anthracene | 21.438 | 228 | 10406 | 0.354 | ng | 99 |
| 33) Chrysene | 21.492 | 228 | 13627 | 0.408 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.385 | 149 | 7651 | 0.382 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.274 | 276 | 12839m | 0.392 | ng | |
| 37) Benzo(b)fluoranthene | 23.098 | 252 | 11415 | 0.392 | ng | 99 |
| 38) Benzo(k)fluoranthene | 23.151 | 252 | 11732 | 0.385 | ng | 99 |
| 39) Benzo(a)pyrene | 23.718 | 252 | 9953 | 0.392 | ng | 98 |
| 40) Dibenzo(a,h)anthracene | 26.317 | 278 | 9810 | 0.376 | ng | 96 |
| 41) Benzo(g,h,i)perylene | 27.004 | 276 | 12453 | 0.392 | ng | 99 |

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

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