Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082922\
Data File : BN021433.D
Acq On : 29 Aug 2022 23:14
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 08/30/2022
Supervised By :Jagrut Upadhyay 08/30/2022

Quant Time: Aug 30 01:16:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 29 16:30:43 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.076 | 152 | 4980 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.909 | 136 | 15736 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.728 | 164 | 8593 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.480 | 188 | 17807 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.664 | 240 | 13224 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 24.185 | 264 | 9515 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.599 | 112 | 3740 | 0.384 | ng | 0.00 |
| 5) Phenol-d6 | 7.224 | 99 | 4701 | 0.379 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.254 | 82 | 3747 | 0.353 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.493 | 152 | 13933 | 0.393 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.218 | 330 | 901 | 0.319 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.360 | 172 | 13967 | 0.372 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.505 | 212 | 16162 | 0.353 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.097 | 244 | 11042 | 0.372 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.410 | 88 | 2411 | 0.387 | ng | # 89 |
| 3) n-Nitrosodimethylamine | 3.750 | 42 | 2062 | 0.367 | ng | # 92 |
| 6) bis(2-Chloroethyl)ether | 7.491 | 93 | 5906 | 0.378 | ng | 98 |
| 9) Naphthalene | 10.962 | 128 | 17165 | 0.368 | ng | 99 |
| 10) Hexachlorobutadiene | 11.240 | 225 | 3020 | 0.374 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.191 | 142 | 2097 | 0.397 | ng | 97 |
| 16) Acenaphthylene | 14.450 | 152 | 13765 | 0.341 | ng | 100 |
| 17) Acenaphthene | 14.792 | 154 | 10147 | 0.357 | ng | 97 |
| 18) Fluorene | 15.776 | 166 | 12686 | 0.362 | ng | 100 |
| 21) 4-Bromophenyl-phenylether | 16.659 | 248 | 3960 | 0.355 | ng | # 74 |
| 22) Hexachlorobenzene | 16.772 | 284 | 4988 | 0.366 | ng | 99 |
| 23) Atrazine | 16.926 | 200 | 2121 | 0.326 | ng | 97 |
| 24) Pentachlorophenol | 17.121 | 266 | 889 | 0.420 | ng | 97 |
| 25) Phenanthrene | 17.521 | 178 | 22203 | 0.361 | ng | 100 |
| 26) Anthracene | 17.613 | 178 | 16770 | 0.343 | ng | 100 |
| 28) Fluoranthene | 19.535 | 202 | 22484 | 0.352 | ng | 100 |
| 30) Pyrene | 19.897 | 202 | 25916 | 0.368 | ng | 97 |
| 32) Benzo(a)anthracene | 21.646 | 228 | 16009 | 0.348 | ng | 100 |
| 33) Chrysene | 21.700 | 228 | 20269 | 0.369 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.556 | 149 | 6796 | 0.366 | ng | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.843 | 276 | 15347 | 0.357 | ng | 100 |
| 37) Benzo(b)fluoranthene | 23.404 | 252 | 15986 | 0.341 | ng | 98 |
| 38) Benzo(k)fluoranthene | 23.457 | 252 | 16623m | 0.352 | ng | |
| 39) Benzo(a)pyrene | 24.068 | 252 | 11260 | 0.344 | ng | 98 |
| 40) Dibenzo(a,h)anthracene | 26.863 | 278 | 12364 | 0.358 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 27.655 | 276 | 12993 | 0.343 | ng | 99 |

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

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