Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017764.D
Acq On : 07 Dec 2021 14:35
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 08 00:48:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 00:48:05 2021
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICCC0.4

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.715 | 152 | 21690 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.494 | 136 | 81116 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.348 | 164 | 60282 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.093 | 188 | 127244 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.283 | 240 | 132847 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.582 | 264 | 118263 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.327 | 112 | 21986 | 0.472 | ng | | 0.00 |
| 5) Phenol-d6 | 6.904 | 99 | 19698 | 0.395 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.859 | 82 | 20303 | 0.370 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.090 | 152 | 68765 | 0.463 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.845 | 330 | 11295 | 0.390 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.965 | 172 | 90123 | 0.404 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.130 | 212 | 169793 | 0.397 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.735 | 244 | 112331 | 0.330 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.298 | 88 | 3294m | 0.229 | ng | | |
| 3) n-Nitrosodimethylamine | 3.603 | 42 | 9446 | 0.460 | ng | | 100 |
| 6) bis(2-Chloroethyl)ether | 7.143 | 93 | 23712 | 0.436 | ng | | 100 |
| 9) Naphthalene | 10.545 | 128 | 85150 | 0.423 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.836 | 225 | 26121 | 0.403 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.161 | 142 | 66015 | 0.478 | ng | | 100 |
| 16) Acenaphthylene | 14.056 | 152 | 91170 | 0.394 | ng | | 100 |
| 17) Acenaphthene | 14.398 | 154 | 64557 | 0.412 | ng | | 100 |
| 18) Fluorene | 15.388 | 166 | 82245 | 0.409 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.489 | 198 | 431 | 0.147 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.290 | 248 | 29558 | 0.388 | ng | | 100 |
| 22) Hexachlorobenzene | 16.399 | 284 | 36759 | 0.393 | ng | | 100 |
| 23) Atrazine | 16.557 | 200 | 19884 | 0.376 | ng | | 100 |
| 24) Pentachlorophenol | 16.764 | 266 | 6247 | 0.326 | ng | | 100 |
| 25) Phenanthrene | 17.129 | 178 | 134132 | 0.400 | ng | | 100 |
| 26) Anthracene | 17.227 | 178 | 113157 | 0.386 | ng | | 100 |
| 28) Fluoranthene | 19.159 | 202 | 167623 | 0.413 | ng | | 100 |
| 30) Pyrene | 19.522 | 202 | 167916 | 0.336 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.272 | 228 | 153791 | 0.386 | ng | | 100 |
| 33) Chrysene | 21.325 | 228 | 174676 | 0.411 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.219 | 149 | 63130 | 0.301 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.941 | 276 | 126644 | 0.512 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.888 | 252 | 160306 | 0.385 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.932 | 252 | 151122 | 0.394 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.483 | 252 | 143475 | 0.427 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 25.958 | 278 | 95958 | 0.556 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.656 | 276 | 108624 | 0.437 | ng | | 100 |

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

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