Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040621\
Data File : BE101217.D
Acq On : 6 Apr 2021 15:30
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC5.0

Quant Time: Apr 06 16:13:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE040621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 06 13:45:08 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.839 | 152 | 3952 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.614 | 136 | 17139 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.442 | 164 | 13505 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.196 | 188 | 34327 | 0.40 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.355 | 240 | 49259 | 0.40 | ng | 0.00 |
| 36) Perylene-d12 | 23.837 | 264 | 28712 | 0.40 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.421 | 112 | 41923 | 3.90 | ng | 0.00 |
| 5) Phenol-d6 | 6.987 | 99 | 72869 | 4.59 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.977 | 82 | 71476 | 5.29 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.194 | 152 | 200437 | 5.23 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 0.000 | 330 | 0d | 0.00 | ng | |
| 15) 2-Fluorobiphenyl | 13.073 | 172 | 214639 | 4.37 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.220 | 212 | 3177773 | 5.38 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.818 | 244 | 557776 | 5.02 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.370 | 88 | 24103 | 3.44 | ng | 98 |
| 3) n-Nitrosodimethylamine | 3.670 | 42 | 30769 | 4.31 | ng | # 98 |
| 6) bis(2-Chloroethyl)ether | 7.252 | 93 | 61341 | 4.73 | ng | 100 |
| 9) Naphthalene | 10.666 | 128 | 886218 | 4.77 | ng | 100 |
| 10) Hexachlorobutadiene | 10.965 | 225 | 38163 | 4.64 | ng | 99 |
| 12) 2-Methylnaphthalene | 12.266 | 142 | 170915 | 5.32 | ng | 97 |
| 16) Acenaphthylene | 14.168 | 152 | 284079 | 5.29 | ng | 99 |
| 17) Acenaphthene | 14.514 | 154 | 197092 | 5.02 | ng | 96 |
| 18) Fluorene | 15.503 | 166 | 262261 | 5.18 | ng | 99 |
| 21) 4-Bromophenyl-phenylether | 16.410 | 248 | 86240 | 4.82 | ng | 98 |
| 22) Hexachlorobenzene | 16.516 | 284 | 83692 | 4.63 | ng | 99 |
| 24) Pentachlorophenol | 16.848 | 266 | 45452 | 6.39 | ng | 98 |
| 25) Phenanthrene | 17.242 | 178 | 489376 | 4.82 | ng | 99 |
| 26) Anthracene | 17.332 | 178 | 472209 | 5.39 | ng | 98 |
| 28) Fluoranthene | 19.249 | 202 | 705307 | 5.46 | ng | 98 |
| 30) Pyrene | 19.605 | 202 | 715063 | 4.99 | ng | 98 |
| 32) Benzo(a)anthracene | 21.343 | 228 | 707408 | 4.76 | ng | 98 |
| 33) Chrysene | 21.392 | 228 | 746099 | 4.55 | ng | 99 |
| 35) Indeno(1,2,3-cd)pyrene | 26.449 | 276 | 462964 | 3.21 | ng | 99 |
| 37) Benzo(b)fluoranthene | 23.078 | 252 | 506481 | 5.75 | ng | 99 |
| 38) Benzo(k)fluoranthene | 23.128 | 252 | 563906 | 5.68 | ng | 99 |
| 39) Benzo(a)pyrene | 23.726 | 252 | 439507 | 5.64 | ng | 100 |
| 40) Dibenzo(a,h)anthracene | 26.477 | 278 | 410032 | 5.38 | ng | 99 |
| 41) Benzo(g,h,i)perylene | 27.251 | 276 | 410189 | 4.97 | ng | 100 |

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

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