Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062018\
Data File : BE096830.D
Acq On : 20 Jun 2018 11:38
Operator : SJ/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDICC0.8

Quant Time: Jun 20 12:27:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 20 11:46:39 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.40 | 152 | 1931 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.16 | 136 | 9258 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.03 | 164 | 5189 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.78 | 188 | 13504 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 20.98 | 240 | 11967 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.21 | 264 | 8804 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.05 | 112 | 4535 | 1.07 | ng | | 0.00 |
| 5) Phenol-d6 | 6.60 | 99 | 6906 | 1.09 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.53 | 82 | 6193 | 1.20 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.74 | 152 | 15246 | 1.03 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.53 | 330 | 1369 | 1.28 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 12.64 | 172 | 21655 | 1.01 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.82 | 212 | 138768 | 1.05 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.44 | 244 | 27057 | 1.00 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.10 | 88 | 3212 | 1.027 | ng | # | 87 |
| 3) n-Nitrosodimethylamine | 3.38 | 42 | 3516 | 1.067 | ng | # | 88 |
| 6) bis(2-Chloroethyl)ether | 6.85 | 93 | 7652 | 1.026 | ng | | 99 |
| 9) Naphthalene | 10.20 | 128 | 94573 | 1.040 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.50 | 225 | 3880 | 1.023 | ng | | 98 |
| 12) 2-Methylnaphthalene | 11.81 | 142 | 15868 | 1.040 | ng | | 99 |
| 16) Acenaphthylene | 13.74 | 152 | 25955 | 1.060 | ng | | 100 |
| 17) Acenaphthene | 14.08 | 154 | 16997 | 1.033 | ng | | 94 |
| 18) Fluorene | 15.07 | 166 | 20221 | 1.039 | ng | # | 80 |
| 20) 4-Bromophenyl-phenylether | 15.98 | 248 | 7005 | 1.064 | ng | # | 85 |
| 21) Hexachlorobenzene | 16.09 | 284 | 7963 | 1.030 | ng | # | 80 |
| 22) Pentachlorophenol | 16.43 | 266 | 1371 | 1.141 | ng | # | 71 |
| 23) Phenanthrene | 16.81 | 178 | 38043 | 1.036 | ng | | 99 |
| 24) Anthracene | 16.90 | 178 | 32109 | 1.066 | ng | | 96 |
| 26) Fluoranthene | 18.84 | 202 | 42217 | 1.087 | ng | | 99 |
| 28) Pyrene | 19.21 | 202 | 39615 | 1.008 | ng | | 99 |
| 30) Benzo(a)anthracene | 20.97 | 228 | 31226 | 1.076 | ng | | 96 |
| 31) Chrysene | 21.02 | 228 | 37348 | 1.022 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 20.93 | 149 | 24604 | 1.129 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.51 | 276 | 27399 | 0.999 | ng | | 96 |
| 35) Benzo(b)fluoranthene | 22.54 | 252 | 28652 | 1.184 | ng | # | 87 |
| 36) Benzo(k)fluoranthene | 22.58 | 252 | 33736 | 1.172 | ng | | 97 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 23893 | 1.137 | ng | # | 94 |
| 38) Dibenzo(a,h)anthracene | 25.54 | 278 | 23825 | 1.182 | ng | | 95 |
| 39) Benzo(g,h,i)perylene | 26.21 | 276 | 25302 | 1.134 | ng | | 93 |

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

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