Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110415\
Data File : BM003049.D
Acq On : 04 Nov 2015 18:36
Operator : UM/IZ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDICC0.1

**Manual Integrations APPROVED**
Mmdadoda
11/5/2015 2:18:40 PM

Quant Time: Nov 16 18:45:08 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 04 23:47:38 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 75857 | 5.00 | ng | | 0.02 |
| 7) Naphthalene-d8 | 10.54 | 136 | 290001 | 5.00 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.40 | 164 | 129907 | 5.00 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.15 | 188 | 241938 | 5.00 | ng | | 0.00 |
| 26) Chrysene-d12 | 21.34 | 240 | 226738 | 5.00 | ng | | 0.00 |
| 35) Perylene-d12 | 23.60 | 264 | 220915 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.35 | 112 | 1833 | 0.13 | ng | | 0.00 |
| 5) Phenol-d6 | 6.92 | 99 | 1993 | 0.11 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.92 | 82 | 1457 | 0.11 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.89 | 330 | 342 | 0.08 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.02 | 172 | 4638 | 0.11 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.78 | 244 | 3864 | 0.11 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.27 | 88 | 1118 | 0.15 | ng | # | 100 |
| 3) n-Nitrosodimethylamine | 3.58 | 42 | 776 | 0.13 | ng | # | 100 |
| 6) bis(2-Chloroethyl)ether | 7.19 | 93 | 1992 | 0.11 | ng | # | 1 |
| 9) Nitrobenzene | 8.96 | 77 | 1498 | 0.10 | ng | # | 100 |
| 10) Naphthalene | 10.59 | 128 | 7145 | 0.11 | ng | | 97 |
| 11) Hexachlorobutadiene | 10.88 | 225 | 1106m | 0.11 | ng | | |
| 12) 2-Methylnaphthalene | 12.21 | 142 | 4311 | 0.10 | ng | | 96 |
| 16) Acenaphthylene | 14.11 | 152 | 5176 | 0.09 | ng | # | 100 |
| 17) Acenaphthene | 14.47 | 154 | 3642m | 0.09 | ng | | |
| 18) Fluorene | 15.44 | 166 | 3995 | 0.09 | ng | # | 100 |
| 20) 4-Bromophenyl-phenylether | 16.33 | 248 | 1060 | 0.10 | ng | # | 100 |
| 21) Hexachlorobenzene | 16.46 | 284 | 1570 | 0.13 | ng | # | 100 |
| 22) Pentachlorophenol | 16.79 | 266 | 570 | 0.38 | ng | | 90 |
| 23) Phenanthrene | 17.17 | 178 | 7649 | 0.13 | ng | # | 100 |
| 24) Anthracene | 17.27 | 178 | 5519 | 0.10 | ng | # | 100 |
| 25) Fluoranthene | 19.20 | 202 | 7213 | 0.12 | ng | # | 100 |
| 27) Benzidine | 19.39 | 184 | 2304 | 0.09 | ng | # | 91 |
| 28) Pyrene | 19.58 | 202 | 7556 | 0.11 | ng | # | 100 |
| 30) Benzo(a)anthracene | 21.32 | 228 | 9522 | 0.15 | ng | | 98 |
| 31) 3,3'-Dichlorobenzidine | 21.26 | 252 | 2165m | 0.10 | ng | | |
| 32) Chrysene | 21.36 | 228 | 11593m | 0.18 | ng | | |
| 33) Bis(2-ethylhexyl)phthalate | 21.24 | 149 | 3105 | 0.09 | ng | # | 100 |
| 34) Indeno(1,2,3-cd)pyrene | 25.89 | 276 | 8729m | 0.14 | ng | | |
| 36) Benzo(b)fluoranthene | 22.91 | 252 | 11612 | 0.18 | ng | # | 89 |
| 37) Benzo(k)fluoranthene | 22.96 | 252 | 10663 | 0.17 | ng | # | 87 |
| 38) Benzo(a)pyrene | 23.50 | 252 | 7413 | 0.13 | ng | # | 79 |
| 39) Dibenzo(a,h)anthracene | 25.91 | 278 | 6582 | 0.12 | ng | # | 90 |
| 40) Benzo(g,h,i)perylene | 26.58 | 276 | 7621 | 0.13 | ng | | 93 |

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

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