Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031816\
Data File : BM004690.D
Acq On : 18 Mar 2016 20:45
Operator : UM/SJ
Sample : MDL-01-W
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MDL-01-W

**Manual Integrations APPROVED**
mohammad
3/21/2016 2:43:23 PM

Quant Time: Mar 21 01:26:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 19 07:50:46 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.84 | 152 | 28453 | 5.00 | ng | | 0.00 |
| 6) Naphthalene-d8 | 10.63 | 136 | 112941 | 5.00 | ng | | 0.00 |
| 10) Acenaphthene-d10 | 14.47 | 164 | 58660 | 5.00 | ng | | 0.00 |
| 16) Phenanthrene-d10 | 17.20 | 188 | 128756 | 5.00 | ng | | -0.02 |
| 22) Chrysene-d12 | 21.40 | 240 | 124432 | 5.00 | ng | | 0.01 |
| 28) Perylene-d12 | 23.69 | 264 | 114864 | 5.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.42 | 112 | 47288 | 7.20 | ng | | 0.00 |
| 5) Phenol-d6 | 6.99 | 99 | 57292 | 7.12 | ng | | 0.00 |
| 7) Nitrobenzene-d5 | 8.99 | 82 | 21182 | 3.89 | ng | | 0.00 |
| 11) 2,4,6-Tribromophenol | 15.96 | 330 | 16148 | 8.30 | ng | | 0.00 |
| 12) 2-Fluorobiphenyl | 13.09 | 172 | 77967 | 4.65 | ng | | 0.00 |
| 24) Terphenyl-d14 | 19.83 | 244 | 72306 | 4.60 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.37 | 88 | 292 | 0.03 | ng | # | 76 |
| 3) n-Nitrosodimethylamine | 3.66 | 42 | 149 | 0.05 | ng | # | 90 |
| 8) Naphthalene | 10.66 | 128 | 1614 | 0.05 | ng | # | 87 |
| 9) 2-Methylnaphthalene | 12.28 | 142 | 1015 | 0.05 | ng | # | 90 |
| 13) Acenaphthylene | 14.18 | 152 | 1292 | 0.04 | ng | | 98 |
| 14) Acenaphthene | 14.51 | 154 | 1149 | 0.06 | ng | | 90 |
| 15) Fluorene | 15.51 | 166 | 1199 | 0.05 | ng | # | 98 |
| 17) Hexachlorobenzene | 16.51 | 284 | 319 | 0.04 | ng | # | 100 |
| 18) Pentachlorophenol | 16.87 | 266 | 250 | 0.18 | ng | # | 88 |
| 19) Phenanthrene | 17.25 | 178 | 2253 | 0.04 | ng | # | 93 |
| 20) Anthracene | 17.33 | 178 | 1554 | 0.04 | ng | | 98 |
| 21) Fluoranthene | 19.27 | 202 | 2178 | 0.04 | ng | | 98 |
| 23) Pyrene | 19.63 | 202 | 2333 | 0.05 | ng | | 97 |
| 25) Benzo(a)anthracene | 21.38 | 228 | 2509m | 0.05 | ng | | |
| 26) Chrysene | 21.42 | 228 | 2322m | 0.06 | ng | | |
| 27) Indeno(1,2,3-cd)pyrene | 26.02 | 276 | 2175 | 0.05 | ng | | 98 |
| 29) Benzo(b)fluoranthene | 22.99 | 252 | 2207 | 0.05 | ng | # | 74 |
| 30) Benzo(k)fluoranthene | 23.05 | 252 | 2213 | 0.05 | ng | # | 74 |
| 31) Benzo(a)pyrene | 23.59 | 252 | 1967 | 0.05 | ng | # | 68 |
| 32) Dibenzo(a,h)anthracene | 26.04 | 278 | 1723 | 0.05 | ng | # | 78 |
| 33) Benzo(g,h,i)perylene | 26.73 | 276 | 1936 | 0.05 | ng | # | 87 |

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

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