Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE092216\
Data File : BE092405.D
Acq On : 22 Sep 2016 20:54
Operator : UM/SJ
Sample : PB93406BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 23 03:41:52 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE092216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 18:25:56 2016
Response via : Initial Calibration

**Instrument :** BNA_E
**ClientSampleId :** PB93406BS

**Manual Integrations APPROVED**
sohil
9/23/2016 6:47:34 PM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 12525 | 5.00 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.95 | 136 | 56733 | 5.00 | ng | | 0.00 |
| 12) Acenaphthene-d10 | 14.82 | 164 | 33329 | 5.00 | ng | | 0.00 |
| 18) Phenanthrene-d10 | 17.58 | 188 | 71102 | 5.00 | ng | | 0.02 |
| 24) Chrysene-d12 | 21.75 | 240 | 107167 | 5.00 | ng | | 0.00 |
| 31) Perylene-d12 | 24.12 | 264 | 102249 | 5.00 | ng | | 0.04 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.67 | 112 | 19637 | 6.66 | ng | | -0.02 |
| 5) Phenol-d6 | 7.34 | 99 | 26355 | 6.27 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 9.34 | 82 | 12301 | 3.07 | ng | | -0.02 |
| 13) 2,4,6-Tribromophenol | 16.31 | 330 | 7569 | 6.44 | ng | | -0.01 |
| 14) 2-Fluorobiphenyl | 13.43 | 172 | 28826 | 3.65 | ng | | -0.01 |
| 26) Terphenyl-d14 | 20.17 | 244 | 41159 | 3.10 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.41 | 88 | 3863 | 2.83 | ng | # | 84 |
| 3) n-Nitrosodimethylamine | 3.76 | 42 | 6277 | 3.23 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.59 | 93 | 10125 | 3.09 | ng | # | 26 |
| 9) Naphthalene | 10.99 | 128 | 36309 | 2.96 | ng | # | 95 |
| 10) Hexachlorobutadiene | 11.28 | 225 | 5709 | 2.95 | ng | | 99 |
| 11) 2-Methylnaphthalene | 12.62 | 142 | 25317 | 3.11 | ng | # | 92 |
| 15) Acenaphthylene | 14.53 | 152 | 171535 | 3.55 | ng | | 100 |
| 16) Acenaphthene | 14.88 | 154 | 25745 | 3.41 | ng | | 94 |
| 17) Fluorene | 15.87 | 166 | 33880 | 3.54 | ng | | 100 |
| 19) Hexachlorobenzene | 16.89 | 284 | 9930 | 3.26 | ng | # | 65 |
| 20) Pentachlorophenol | 17.23 | 266 | 9588 | 8.60 | ng | # | 84 |
| 21) Phenanthrene | 17.60 | 178 | 56792 | 3.48 | ng | # | 94 |
| 22) Anthracene | 17.70 | 178 | 56093 | 3.57 | ng | | 99 |
| 23) Fluoranthene | 19.61 | 202 | 270948 | 3.49 | ng | | 99 |
| 25) Pyrene | 19.97 | 202 | 294140 | 3.17 | ng | | 99 |
| 27) Benzo(a)anthracene | 21.72 | 228 | 369049m | 3.53 | ng | | |
| 28) Chrysene | 21.77 | 228 | 308878m | 3.23 | ng | | |
| 29) Bis(2-ethylhexyl)phthalate | 21.63 | 149 | 30034 | 3.34 | ng | # | 56 |
| 30) Indeno(1,2,3-cd)pyrene | 26.62 | 276 | 372005 | 3.67 | ng | | 98 |
| 32) Benzo(b)fluoranthene | 23.38 | 252 | 81038 | 3.27 | ng | | 95 |
| 33) Benzo(k)fluoranthene | 23.43 | 252 | 84769 | 3.27 | ng | | 93 |
| 34) Benzo(a)pyrene | 24.01 | 252 | 81990 | 3.38 | ng | # | 94 |
| 35) Dibenzo(a,h)anthracene | 26.65 | 278 | 77269 | 3.47 | ng | # | 94 |
| 36) Benzo(g,h,i)perylene | 27.40 | 276 | 318632 | 3.33 | ng | | 95 |

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

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