Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032319\
Data File : BN004929.D
Acq On : 23 Mar 2019 20:15
Operator : JU/SJ
Sample : K1948-14MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PST-025-SW046-031319MS

**Manual Integrations APPROVED**
Sohil
3/25/2019 1:34:42 PM

Quant Time: Mar 24 02:07:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 2106 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.47 | 136 | 8673 | 0.40 | ng | | -0.03 |
| 13) Acenaphthene-d10 | 14.33 | 164 | 4690 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.08 | 188 | 10694 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.28 | 240 | 14847 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.53 | 264 | 17126 | 0.40 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.28 | 112 | 2114 | 0.37 | ng | | 0.00 |
| 5) Phenol-d6 | 6.86 | 99 | 2646 | 0.37 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.84 | 82 | 2079 | 0.36 | ng | | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.07 | 152 | 4377 | 0.29 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.84 | 330 | 966 | 0.30 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.95 | 172 | 5867 | 0.30 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.12 | 212 | 10840 | 0.30 | ng | | -0.02 |
| 29) Terphenyl-d14 | 19.72 | 244 | 7089 | 0.23 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 619 | 0.259 | ng | # | 68 |
| 3) n-Nitrosodimethylamine | 3.55 | 42 | 574 | 0.406 | ng | # | 92 |
| 6) bis(2-Chloroethyl)ether | 7.12 | 93 | 2110 | 0.328 | ng | | 99 |
| 9) Naphthalene | 10.52 | 128 | 7774 | 0.320 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.80 | 225 | 1273 | 0.274 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.14 | 142 | 5352 | 0.296 | ng | | 99 |
| 16) Acenaphthylene | 14.05 | 152 | 8129 | 0.337 | ng | | 99 |
| 17) Acenaphthene | 14.39 | 154 | 4773 | 0.302 | ng | | 98 |
| 18) Fluorene | 15.38 | 166 | 6430 | 0.291 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.27 | 248 | 2059 | 0.295 | ng | | 99 |
| 21) Hexachlorobenzene | 16.38 | 284 | 2204 | 0.276 | ng | | 94 |
| 22) Pentachlorophenol | 16.74 | 266 | 1571m | 1.005 | ng | | |
| 23) Phenanthrene | 17.12 | 178 | 14053 | 0.407 | ng | | 99 |
| 24) Anthracene | 17.22 | 178 | 10132 | 0.329 | ng | | 100 |
| 26) Fluoranthene | 19.15 | 202 | 23763 | 0.535 | ng | | 99 |
| 28) Pyrene | 19.51 | 202 | 23163 | 0.512 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 20359 | 0.418 | ng | | 97 |
| 31) Chrysene | 21.31 | 228 | 20620 | 0.402 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.17 | 149 | 12902 | 0.663 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.79 | 276 | 24506 | 0.330 | ng | | 97 |
| 35) Benzo(b)fluoranthene | 22.85 | 252 | 26269 | 0.424 | ng | # | 94 |
| 36) Benzo(k)fluoranthene | 22.89 | 252 | 20537 | 0.337 | ng | # | 94 |
| 37) Benzo(a)pyrene | 23.43 | 252 | 22334 | 0.393 | ng | # | 95 |
| 38) Dibenzo(a,h)anthracene | 25.80 | 278 | 17609 | 0.268 | ng | # | 93 |
| 39) Benzo(g,h,i)perylene | 26.49 | 276 | 21677 | 0.323 | ng | | 96 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032319\
Data File : BN004929.D
Acq On : 23 Mar 2019 20:15
Operator : JU/SJ
Sample : K1948-14MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 24 02:07:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PST-025-SW046-031319MS

**Manual Integrations APPROVED**
Sohil
3/25/2019 1:34:42 PM