Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010236.D
Acq On : 17 Mar 2020 12:58
Operator : CG/JU
Sample : PB127507BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB127507BS

**Manual Integrations APPROVED**
mohammad
3/18/2020 4:01:30 PM

Quant Time: Mar 17 14:05:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 2959 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.39 | 136 | 10156 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.25 | 164 | 6184 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.00 | 188 | 14927 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.19 | 240 | 15960 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.37 | 264 | 16088 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.26 | 112 | 2310 | 0.33 | ng | | 0.00 |
| 5) Phenol-d6 | 6.81 | 99 | 2837 | 0.33 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.76 | 82 | 2435 | 0.40 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.98 | 152 | 6404 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.74 | 330 | 784 | 0.35 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.88 | 172 | 9673 | 0.44 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.03 | 212 | 17702 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.64 | 244 | 13917 | 0.38 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 1138 | 0.394 | ng | # | 56 |
| 3) n-Nitrosodimethylamine | 3.57 | 42 | 841 | 0.329 | ng | # | 37 |
| 6) bis(2-Chloroethyl)ether | 7.07 | 93 | 2749 | 0.379 | ng | | 96 |
| 9) Naphthalene | 10.44 | 128 | 10127 | 0.398 | ng | | 97 |
| 10) Hexachlorobutadiene | 10.75 | 225 | 2547 | 0.435 | ng | # | 96 |
| 12) 2-Methylnaphthalene | 12.06 | 142 | 6989 | 0.382 | ng | | 95 |
| 16) Acenaphthylene | 13.97 | 152 | 9855 | 0.345 | ng | | 99 |
| 17) Acenaphthene | 14.31 | 154 | 6719 | 0.388 | ng | | 97 |
| 18) Fluorene | 15.31 | 166 | 9137 | 0.387 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.20 | 248 | 3654m | 0.426 | ng | | |
| 21) Hexachlorobenzene | 16.31 | 284 | 3855 | 0.461 | ng | | 97 |
| 22) Pentachlorophenol | 16.65 | 266 | 860 | 0.333 | ng | | 90 |
| 23) Phenanthrene | 17.03 | 178 | 16159 | 0.408 | ng | | 100 |
| 24) Anthracene | 17.12 | 178 | 13476 | 0.341 | ng | | 99 |
| 26) Fluoranthene | 19.06 | 202 | 19847 | 0.396 | ng | | 99 |
| 28) Pyrene | 19.42 | 202 | 19850 | 0.372 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.17 | 228 | 18531 | 0.342 | ng | | 100 |
| 31) Chrysene | 21.23 | 228 | 22003 | 0.412 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 4622 | 0.200 | ng | # | 96 |
| 33) Indeno(1,2,3-cd)pyrene | 25.52 | 276 | 22174 | 0.350 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.72 | 252 | 20466 | 0.414 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 22.76 | 252 | 21183 | 0.424 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.27 | 252 | 17355 | 0.372 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 25.54 | 278 | 18499 | 0.395 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 26.17 | 276 | 18990 | 0.406 | ng | | 97 |

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

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