Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062220\
Data File : BN011007.D
Acq On : 22 Jun 2020 13:52
Operator : CG/JU
Sample : L3043-11MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** RE139D2-20200616MS

Quant Time: Jun 22 14:21:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 22 12:02:11 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.53 | 152 | 1987 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.28 | 136 | 6549 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.15 | 164 | 3679 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.90 | 188 | 7009 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.11 | 240 | 8166 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.26 | 264 | 7713 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.19 | 112 | 536 | 0.14 | ng | | 0.00 |
| 5) Phenol-d6 | 6.73 | 99 | 410 | 0.09 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.67 | 82 | 1926 | 0.40 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.88 | 152 | 3219 | 0.32 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.66 | 330 | 314 | 0.24 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.76 | 172 | 5569 | 0.38 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 18.94 | 212 | 7068 | 0.37 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.56 | 244 | 8150 | 0.43 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.21 | 88 | 2998 | 1.540 | ng | # | 95 |
| 3) n-Nitrosodimethylamine | 3.54 | 42 | 149 | 0.132 | ng | # | 86 |
| 6) bis(2-Chloroethyl)ether | 6.98 | 93 | 1359 | 0.308 | ng | | 97 |
| 9) Naphthalene | 10.33 | 128 | 4951 | 0.301 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.62 | 225 | 1093 | 0.269 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 11.95 | 142 | 3246 | 0.295 | ng | | 99 |
| 16) Acenaphthylene | 13.87 | 152 | 4367 | 0.290 | ng | | 99 |
| 17) Acenaphthene | 14.21 | 154 | 3136 | 0.305 | ng | | 99 |
| 18) Fluorene | 15.21 | 166 | 3661 | 0.276 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.10 | 248 | 1244 | 0.295 | ng | # | 76 |
| 21) Hexachlorobenzene | 16.22 | 284 | 1410 | 0.321 | ng | | 98 |
| 22) Pentachlorophenol | 16.57 | 266 | 378 | 0.256 | ng | | 100 |
| 23) Phenanthrene | 16.94 | 178 | 6481 | 0.339 | ng | | 99 |
| 24) Anthracene | 17.04 | 178 | 5337 | 0.334 | ng | | 100 |
| 26) Fluoranthene | 18.97 | 202 | 7849 | 0.361 | ng | | 99 |
| 28) Pyrene | 19.34 | 202 | 7909 | 0.293 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.10 | 228 | 9126 | 0.380 | ng | | 99 |
| 31) Chrysene | 21.15 | 228 | 9733 | 0.348 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 4291 | 0.536 | ng | | 96 |
| 33) Indeno(1,2,3-cd)pyrene | 25.36 | 276 | 10926 | 0.350 | ng | # | 97 |
| 35) Benzo(b)fluoranthene | 22.63 | 252 | 8729 | 0.333 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 22.67 | 252 | 9940 | 0.356 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.17 | 252 | 7685 | 0.342 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.37 | 278 | 9013 | 0.351 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 25.99 | 276 | 9788 | 0.365 | ng | | 99 |

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

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