Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072820\
Data File : BN011282.D
Acq On : 28 Jul 2020 16:18
Operator : CG/JU
Sample : PB130451BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB130451BS

Quant Time: Jul 28 16:53:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 28 14:38:05 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.48 | 152 | 1839 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.22 | 136 | 6575 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.10 | 164 | 3724 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.86 | 188 | 7804 | 0.40 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.09 | 240 | 4885 | 0.40 | ng | | 0.00 |
| 36) Perylene-d12 | 23.22 | 264 | 5539 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.14 | 112 | 1714 | 0.35 | ng | | 0.00 |
| 5) Phenol-d6 | 6.68 | 99 | 2086 | 0.35 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.63 | 82 | 2193 | 0.37 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.82 | 152 | 4396 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.61 | 330 | 574 | 0.33 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.72 | 172 | 6533 | 0.41 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.91 | 212 | 8713 | 0.37 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.53 | 244 | 5945 | 0.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.19 | 88 | 980 | 0.379 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.53 | 42 | 504 | 0.380 | ng | # | 83 |
| 6) bis(2-Chloroethyl)ether | 6.93 | 93 | 1733 | 0.354 | ng | | 99 |
| 9) Naphthalene | 10.28 | 128 | 7370 | 0.378 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.57 | 225 | 1817 | 0.385 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 11.90 | 142 | 5028 | 0.364 | ng | | 97 |
| 16) Acenaphthylene | 13.82 | 152 | 7182 | 0.375 | ng | | 100 |
| 17) Acenaphthene | 14.17 | 154 | 4631 | 0.370 | ng | | 99 |
| 18) Fluorene | 15.17 | 166 | 6394 | 0.399 | ng | | 98 |
| 20) 4,6-Dinitro-2-methylphenol | 15.28 | 198 | 341 | 0.402 | ng | | 99 |
| 21) 4-Bromophenyl-phenylether | 16.07 | 248 | 2119 | 0.410 | ng | | 98 |
| 22) Hexachlorobenzene | 16.18 | 284 | 2311 | 0.394 | ng | | 96 |
| 23) Atrazine | 16.36 | 200 | 1444 | 0.358 | ng | | 99 |
| 24) Pentachlorophenol | 16.53 | 266 | 586 | 0.322 | ng | | 94 |
| 25) Phenanthrene | 16.91 | 178 | 9285 | 0.366 | ng | | 100 |
| 26) Anthracene | 16.99 | 178 | 6970 | 0.330 | ng | | 99 |
| 28) Fluoranthene | 18.94 | 202 | 10427 | 0.361 | ng | | 100 |
| 30) Pyrene | 19.31 | 202 | 9754 | 0.443 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.08 | 228 | 6073 | 0.371 | ng | | 99 |
| 33) Chrysene | 21.12 | 228 | 7597 | 0.414 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phthalate | 21.04 | 149 | 3367 | 0.383 | ng | | 99 |
| 35) Indeno(1,2,3-cd)pyrene | 25.30 | 276 | 8027 | 0.448 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 22.59 | 252 | 6496 | 0.294 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.64 | 252 | 7813 | 0.321 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.13 | 252 | 5930 | 0.309 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.32 | 278 | 6404 | 0.323 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 25.93 | 276 | 7922 | 0.360 | ng | | 98 |

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

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