Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042820\
Data File : BN010626.D
Acq On : 28 Apr 2020 16:24
Operator : CG/JU
Sample : L2330-14MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PA-TWP-2MSD

**Manual Integrations APPROVED**
mohammad
4/30/2020 12:05:21 AM

Quant Time: Apr 28 16:56:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 28 11:13:37 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 2845 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.34 | 136 | 12356 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.20 | 164 | 8144 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.95 | 188 | 19798 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.16 | 240 | 18808 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.33 | 264 | 16712 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.23 | 112 | 1067 | 0.17 | ng | | 0.00 |
| 5) Phenol-d6 | 6.78 | 99 | 837 | 0.10 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.72 | 82 | 3249 | 0.38 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.93 | 152 | 7580 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.71 | 330 | 1541 | 0.40 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.83 | 172 | 12503 | 0.42 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.99 | 212 | 20646 | 0.34 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.61 | 244 | 20289 | 0.47 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.23 | 88 | 343 | 0.164 | ng | # | 70 |
| 3) n-Nitrosodimethylamine | 3.55 | 42 | 253 | 0.186 | ng | # | 88 |
| 6) bis(2-Chloroethyl)ether | 7.02 | 93 | 3737 | 0.530 | ng | | 99 |
| 9) Naphthalene | 10.39 | 128 | 15750 | 0.513 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.68 | 225 | 2923 | 0.395 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.01 | 142 | 12034 | 0.546 | ng | | 99 |
| 16) Acenaphthylene | 13.92 | 152 | 16969 | 0.482 | ng | | 99 |
| 17) Acenaphthene | 14.27 | 154 | 11184 | 0.495 | ng | | 98 |
| 18) Fluorene | 15.26 | 166 | 15380 | 0.519 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.16 | 248 | 5045 | 0.459 | ng | # | 81 |
| 21) Hexachlorobenzene | 16.27 | 284 | 5457 | 0.435 | ng | | 97 |
| 22) Pentachlorophenol | 16.61 | 266 | 6305 | 1.277 | ng | | 97 |
| 23) Phenanthrene | 17.00 | 178 | 28864 | 0.540 | ng | | 99 |
| 24) Anthracene | 17.09 | 178 | 23977 | 0.491 | ng | | 100 |
| 26) Fluoranthene | 19.03 | 202 | 33298 | 0.500 | ng | | 100 |
| 28) Pyrene | 19.39 | 202 | 34217 | 0.540 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.15 | 228 | 29759 | 0.485 | ng | | 98 |
| 31) Chrysene | 21.20 | 228 | 29396 | 0.481 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.11 | 149 | 17265 | 0.548 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.47 | 276 | 27477 | 0.508 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.69 | 252 | 27695 | 0.503 | ng | | 97 |
| 36) Benzo(k)fluoranthene | 22.74 | 252 | 27486m | 0.499 | ng | | |
| 37) Benzo(a)pyrene | 23.24 | 252 | 23895 | 0.491 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.48 | 278 | 22775 | 0.511 | ng | | 95 |
| 39) Benzo(g,h,i)perylene | 26.12 | 276 | 23264 | 0.519 | ng | | 98 |

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

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