Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061820\
Data File : BN010960.D
Acq On : 18 Jun 2020 19:12
Operator : CG/JU
Sample : L3020-21MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** MW-23MS

**Manual Integrations APPROVED**
mohammad
6/19/2020 12:58:35 PM

Quant Time: Jun 18 19:43:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 18 14:14:42 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.53 | 152 | 2447 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.29 | 136 | 8897 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.16 | 164 | 4902 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.91 | 188 | 10734 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.12 | 240 | 10255 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.26 | 264 | 10923 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.19 | 112 | 1048 | 0.22 | ng | | 0.00 |
| 5) Phenol-d6 | 6.74 | 99 | 865 | 0.16 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.67 | 82 | 2720 | 0.41 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.88 | 152 | 5042 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.66 | 330 | 1008 | 0.57 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.78 | 172 | 9374 | 0.48 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.95 | 212 | 11822 | 0.40 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.56 | 244 | 14304 | 0.60 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 347 | 0.145 | ng | # | 53 |
| 3) n-Nitrosodimethylamine | 3.53 | 42 | 326 | 0.234 | ng | # | 76 |
| 6) bis(2-Chloroethyl)ether | 6.99 | 93 | 1974 | 0.364 | ng | | 94 |
| 9) Naphthalene | 10.33 | 128 | 7566 | 0.338 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.63 | 225 | 1430 | 0.259 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.96 | 142 | 5338 | 0.357 | ng | | 99 |
| 16) Acenaphthylene | 13.87 | 152 | 7340 | 0.366 | ng | | 97 |
| 17) Acenaphthene | 14.21 | 154 | 4715 | 0.344 | ng | | 97 |
| 18) Fluorene | 15.22 | 166 | 6645 | 0.376 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.11 | 248 | 2427 | 0.376 | ng | | 96 |
| 21) Hexachlorobenzene | 16.22 | 284 | 2479 | 0.368 | ng | # | 89 |
| 22) Pentachlorophenol | 16.57 | 266 | 2803 | 1.241 | ng | | 94 |
| 23) Phenanthrene | 16.95 | 178 | 11944 | 0.407 | ng | | 99 |
| 24) Anthracene | 17.04 | 178 | 10475 | 0.428 | ng | | 98 |
| 26) Fluoranthene | 18.98 | 202 | 14158 | 0.425 | ng | # | 98 |
| 28) Pyrene | 19.34 | 202 | 14390 | 0.424 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.10 | 228 | 13185 | 0.437 | ng | | 98 |
| 31) Chrysene | 21.15 | 228 | 12992 | 0.370 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 6847 | 0.681 | ng | | 96 |
| 33) Indeno(1,2,3-cd)pyrene | 25.36 | 276 | 14816 | 0.377 | ng | # | 96 |
| 35) Benzo(b)fluoranthene | 22.63 | 252 | 13238 | 0.356 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.67 | 252 | 13589m | 0.343 | ng | | |
| 37) Benzo(a)pyrene | 23.17 | 252 | 11474 | 0.360 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.38 | 278 | 12099 | 0.333 | ng | | 96 |
| 39) Benzo(g,h,i)perylene | 26.00 | 276 | 12929 | 0.340 | ng | | 96 |

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

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