Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
Data File : BN005032.D
Acq On : 29 Mar 2019 14:06
Operator : JU/SJ
Sample : PB117525BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB117525BL

Quant Time: Mar 30 00:23:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 2751 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.45 | 136 | 10566 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.31 | 164 | 5971 | 0.40 | ng | | 0.01 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 15034 | 0.40 | ng | | 0.01 |
| 27) Chrysene-d12 | 21.27 | 240 | 16175 | 0.40 | ng | | 0.01 |
| 34) Perylene-d12 | 23.50 | 264 | 15261 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.26 | 112 | 2264 | 0.33 | ng | | 0.00 |
| 5) Phenol-d6 | 6.86 | 99 | 2338 | 0.29 | ng | | 0.02 |
| 8) Nitrobenzene-d5 | 8.86 | 82 | 1716 | 0.28 | ng | | 0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.06 | 152 | 5207 | 0.32 | ng | | 0.02 |
| 14) 2,4,6-Tribromophenol | 15.84 | 330 | 761 | 0.23 | ng | | 0.02 |
| 15) 2-Fluorobiphenyl | 12.94 | 172 | 7376 | 0.33 | ng | | 0.02 |
| 25) Fluoranthene-d10 | 19.10 | 212 | 14444 | 0.34 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.70 | 244 | 10445 | 0.31 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 3.54 | 42 | 11 | 0.006 | ng | # | 11 |
| 6) bis(2-Chloroethyl)ether | 7.08 | 93 | 3 | 0.000 | ng | # | 1 |
| 9) Naphthalene | 10.49 | 128 | 19 | 0.001 | ng | # | 1 |
| 10) Hexachlorobutadiene | 10.76 | 225 | 3 | 0.001 | ng | # | 18 |
| 12) 2-Methylnaphthalene | 12.14 | 142 | 2 | 0.000 | ng | # | 53 |
| 16) Acenaphthylene | 14.03 | 152 | 15 | 0.001 | ng | # | 78 |
| 17) Acenaphthene | 14.35 | 154 | 12 | 0.001 | ng | # | 4 |
| 18) Fluorene | 15.39 | 166 | 13 | 0.001 | ng | # | 78 |
| 20) 4-Bromophenyl-phenylether | 16.27 | 248 | 4 | 0.000 | ng | # | 72 |
| 21) Hexachlorobenzene | 16.37 | 284 | 4 | 0.000 | ng | # | 32 |
| 23) Phenanthrene | 16.87 | 178 | 6 | 0.000 | ng | | 96 |
| 24) Anthracene | 17.23 | 178 | 14 | 0.000 | ng | # | 1 |
| 26) Fluoranthene | 19.14 | 202 | 225 | 0.004 | ng | # | 89 |
| 28) Pyrene | 19.51 | 202 | 144 | 0.003 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.27 | 228 | 389 | 0.009 | ng | # | 60 |
| 31) Chrysene | 21.31 | 228 | 740 | 0.015 | ng | # | 81 |
| 32) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 101 | 0.005 | ng | # | 86 |
| 33) Indeno(1,2,3-cd)pyrene | 25.82 | 276 | 86 | 0.002 | ng | # | 55 |
| 35) Benzo(b)fluoranthene | 22.84 | 252 | 378 | 0.008 | ng | # | 1 |
| 36) Benzo(k)fluoranthene | 22.88 | 252 | 346 | 0.007 | ng | # | 1 |
| 37) Benzo(a)pyrene | 23.43 | 252 | 152 | 0.003 | ng | # | 1 |
| 38) Dibenzo(a,h)anthracene | 25.76 | 278 | 2 | 0.000 | ng | # | 1 |
| 39) Benzo(g,h,i)perylene | 26.49 | 276 | 302 | 0.007 | ng | # | 7 |

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

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