Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121720\
Data File : BN013184.D
Acq On : 17 Dec 2020 13:59
Operator : CG/JU
Sample : L5033-06MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** CS-48MSD

Quant Time: Dec 17 14:52:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 17 12:34:52 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.338 | 152 | 711 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.112 | 136 | 2340 | 0.40 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.004 | 164 | 1352 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.775 | 188 | 2906 | 0.40 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.003 | 240 | 3177 | 0.40 | ng | | # 0.00 |
| 36) Perylene-d12 | 23.100 | 264 | 3759 | 0.40 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 4.970 | 112 | 707 | 0.24 | ng | | 0.00 |
| 5) Phenol-d6 | 6.541 | 99 | 681 | 0.23 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.515 | 82 | 721 | 0.30 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.715 | 152 | 1231 | 0.30 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.539 | 330 | 155 | 0.18 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.621 | 172 | 1688 | 0.30 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 18.823 | 212 | 2775 | 0.29 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.444 | 244 | 2267 | 0.28 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.933 | 88 | 405 | 0.33 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.271 | 42 | 797 | 0.39 | ng | # | 80 |
| 6) bis(2-Chloroethyl)ether | 6.790 | 93 | 628 | 0.34 | ng | | 89 |
| 9) Naphthalene | 10.150 | 128 | 2677 | 0.37 | ng | # | 92 |
| 10) Hexachlorobutadiene | 10.429 | 225 | 562 | 0.37 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 11.795 | 142 | 1742 | 0.36 | ng | | 95 |
| 16) Acenaphthylene | 13.725 | 152 | 2552 | 0.36 | ng | | 100 |
| 17) Acenaphthene | 14.067 | 154 | 1642 | 0.36 | ng | | 93 |
| 18) Fluorene | 15.069 | 166 | 2130 | 0.36 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.234 | 198 | 123 | 0.34 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.008 | 248 | 274 | 0.48 | ng | | 91 |
| 22) Hexachlorobenzene | 16.081 | 284 | 708 | 0.35 | ng | | 94 |
| 23) Atrazine | 16.276 | 200 | 390 | 0.22 | ng | # | 82 |
| 24) Pentachlorophenol | 16.446 | 266 | 456 | 0.54 | ng | | 97 |
| 25) Phenanthrene | 16.811 | 178 | 3433 | 0.36 | ng | | 99 |
| 26) Anthracene | 16.909 | 178 | 2903 | 0.35 | ng | | 99 |
| 28) Fluoranthene | 18.853 | 202 | 4242 | 0.37 | ng | | 99 |
| 30) Pyrene | 19.220 | 202 | 4318 | 0.35 | ng | | 99 |
| 32) Benzo(a)anthracene | 20.992 | 228 | 4050 | 0.36 | ng | | 98 |
| 33) Chrysene | 21.045 | 228 | 4758 | 0.40 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 20.929 | 149 | 2397 | 0.16 | ng | | 96 |
| 35) Indeno(1,2,3-cd)pyrene | 25.140 | 276 | 7081 | 0.43 | ng | | 95 |
| 37) Benzo(b)fluoranthene | 22.484 | 252 | 5303 | 0.40 | ng | # | 90 |
| 38) Benzo(k)fluoranthene | 22.525 | 252 | 5807 | 0.38 | ng | # | 90 |
| 39) Benzo(a)pyrene | 23.011 | 252 | 4937 | 0.37 | ng | # | 87 |
| 40) Dibenzo(a,h)anthracene | 25.150 | 278 | 5847 | 0.41 | ng | # | 85 |
| 41) Benzo(g,h,i)perylene | 25.759 | 276 | 6465 | 0.42 | ng | # | 94 |

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

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