Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090122\
Data File : BN021523.D
Acq On : 01 Sep 2022 13:40
Operator : CG/JU
Sample : N4357-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RE134D4-20220823MS

Quant Time: Sep 02 00:57:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 00:53:31 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.069 | 152 | 4859 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.898 | 136 | 15077 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.718 | 164 | 7981 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.470 | 188 | 16247 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.664 | 240 | 11020 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 24.188 | 264 | 7560 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.599 | 112 | 1856 | 0.195 | ng | 0.00 |
| 5) Phenol-d6 | 7.224 | 99 | 1397 | 0.115 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.243 | 82 | 3598 | 0.353 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.486 | 152 | 11996 | 0.353 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.208 | 330 | 937 | 0.358 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.349 | 172 | 17016 | 0.488 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.501 | 212 | 17355 | 0.415 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.097 | 244 | 12549 | 0.507 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.403 | 88 | 11561 | 1.902 | ng | # 93 |
| 3) n-Nitrosodimethylamine | 3.743 | 42 | 851 | 0.155 | ng | # 92 |
| 6) bis(2-Chloroethyl)ether | 7.484 | 93 | 5453 | 0.358 | ng | 97 |
| 9) Naphthalene | 10.951 | 128 | 15067 | 0.337 | ng | 99 |
| 10) Hexachlorobutadiene | 11.240 | 225 | 2370 | 0.307 | ng | # 100 |
| 12) 2-Methylnaphthalene | 12.183 | 142 | 1942 | 0.388 | ng | 99 |
| 16) Acenaphthylene | 14.440 | 152 | 12540 | 0.335 | ng | 100 |
| 17) Acenaphthene | 14.782 | 154 | 9056 | 0.343 | ng | 99 |
| 18) Fluorene | 15.765 | 166 | 11279 | 0.347 | ng | 100 |
| 21) 4-Bromophenyl-phenylether | 16.659 | 248 | 3740 | 0.368 | ng | # 91 |
| 22) Hexachlorobenzene | 16.772 | 284 | 4293 | 0.345 | ng | 98 |
| 23) Atrazine | 16.926 | 200 | 2121 | 0.358 | ng | 97 |
| 24) Pentachlorophenol | 17.121 | 266 | 1678 | 0.652 | ng | 98 |
| 25) Phenanthrene | 17.511 | 178 | 19817 | 0.353 | ng | 100 |
| 26) Anthracene | 17.603 | 178 | 16008 | 0.359 | ng | 100 |
| 28) Fluoranthene | 19.531 | 202 | 21115 | 0.362 | ng | 100 |
| 30) Pyrene | 19.898 | 202 | 24016 | 0.409 | ng | 99 |
| 32) Benzo(a)anthracene | 21.646 | 228 | 14851 | 0.387 | ng | 99 |
| 33) Chrysene | 21.700 | 228 | 16260 | 0.356 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.557 | 149 | 16825 | 1.088 | ng | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.840 | 276 | 11264 | 0.330 | ng | 100 |
| 37) Benzo(b)fluoranthene | 23.407 | 252 | 13914 | 0.373 | ng | 100 |
| 38) Benzo(k)fluoranthene | 23.460 | 252 | 13249 | 0.353 | ng | 100 |
| 39) Benzo(a)pyrene | 24.074 | 252 | 9953 | 0.383 | ng | 98 |
| 40) Dibenzo(a,h)anthracene | 26.866 | 278 | 9346 | 0.340 | ng | 95 |
| 41) Benzo(g,h,i)perylene | 27.658 | 276 | 9099 | 0.302 | ng | 98 |

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

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