Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
Data File : BN031375.D
Acq On : 02 May 2024 17:24
Operator : MA/JU
Sample : P2329-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MW-18B-64-043024MSD

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 05/03/2024
Supervised By :mohammad ahmed 05/04/2024

Quant Time: May 02 17:59:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 02 15:02:22 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.603 | 152 | 2616 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.378 | 136 | 7914 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.242 | 164 | 4738 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.004 | 188 | 10663 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.202 | 240 | 11297 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.405 | 264 | 12399 | 0.400 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.205 | 112 | 823 | 0.141 | ng | | 0.00 |
| 5) Phenol-d6 | 6.787 | 99 | 575 | 0.081 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.755 | 82 | 1471 | 0.269 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.975 | 152 | 4087m | 0.335 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.750 | 330 | 570 | 0.310 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.863 | 172 | 4028 | 0.253 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.040 | 212 | 8208 | 0.286 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.644 | 244 | 7001 | 0.267 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.154 | 88 | 12704 | 3.950 | ng | # | 93 |
| 3) n-Nitrosodimethylamine | 3.472 | 42 | 424 | 0.141 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.039 | 93 | 1691 | 0.242 | ng | | 96 |
| 9) Naphthalene | 10.432 | 128 | 5238 | 0.240 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.709 | 225 | 1072 | 0.245 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.051 | 142 | 3329 | 0.229 | ng | # | 94 |
| 16) Acenaphthylene | 13.964 | 152 | 4883 | 0.234 | ng | | 98 |
| 17) Acenaphthene | 14.306 | 154 | 3171 | 0.215 | ng | | 98 |
| 18) Fluorene | 15.301 | 166 | 4324 | 0.222 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.397 | 198 | 376 | 0.336 | ng | # | 88 |
| 21) 4-Bromophenyl-phenylether | 16.197 | 248 | 1487 | 0.235 | ng | # | 90 |
| 22) Hexachlorobenzene | 16.296 | 284 | 1650 | 0.223 | ng | | 96 |
| 23) Atrazine | 16.470 | 200 | 570 | 0.124 | ng | | 96 |
| 24) Pentachlorophenol | 16.656 | 266 | 2011 | 0.802 | ng | | 98 |
| 25) Phenanthrene | 17.041 | 178 | 8069 | 0.256 | ng | | 99 |
| 26) Anthracene | 17.128 | 178 | 6753 | 0.259 | ng | | 100 |
| 28) Fluoranthene | 19.068 | 202 | 9720 | 0.258 | ng | | 99 |
| 30) Pyrene | 19.435 | 202 | 10175 | 0.232 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.184 | 228 | 10193 | 0.259 | ng | | 99 |
| 33) Chrysene | 21.238 | 228 | 10242 | 0.239 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.121 | 149 | 8943 | 0.496 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.613 | 276 | 11491 | 0.199 | ng | | 95 |
| 37) Benzo(b)fluoranthene | 22.741 | 252 | 10761 | 0.210 | ng | # | 88 |
| 38) Benzo(k)fluoranthene | 22.788 | 252 | 11073 | 0.221 | ng | # | 89 |
| 39) Benzo(a)pyrene | 23.306 | 252 | 8607 | 0.202 | ng | # | 81 |
| 40) Dibenzo(a,h)anthracene | 25.627 | 278 | 9302 | 0.201 | ng | # | 88 |
| 41) Benzo(g,h,i)perylene | 26.288 | 276 | 9191 | 0.181 | ng | | 96 |

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

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