Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
Data File : BN016581.D
Acq On : 29 Sep 2021 19:06
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDICC0.2

Quant Time: Sep 30 01:37:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 01:35:49 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.652 | 152 | 28062 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.419 | 136 | 123633 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.281 | 164 | 63302 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.030 | 188 | 113232 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.238 | 240 | 104722 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.498 | 264 | 111258 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.263 | 112 | 14325 | 0.205 | ng | | 0.00 |
| 5) Phenol-d6 | 6.831 | 99 | 14631 | 0.209 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.784 | 82 | 14110 | 0.215 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.012 | 152 | 35590 | 0.202 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.779 | 330 | 4667 | 0.169 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.898 | 172 | 54258 | 0.208 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.073 | 212 | 59381 | 0.194 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.688 | 244 | 50540 | 0.224 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.263 | 88 | 2829 | 0.234 | ng | # | 62 |
| 3) n-Nitrosodimethylamine | 3.595 | 42 | 3771 | 0.169 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.089 | 93 | 15319 | 0.207 | ng | | 100 |
| 9) Naphthalene | 10.470 | 128 | 69309 | 0.208 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.749 | 225 | 12804 | 0.194 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.087 | 142 | 42714 | 0.206 | ng | | 99 |
| 16) Acenaphthylene | 13.990 | 152 | 49336 | 0.176 | ng | | 100 |
| 17) Acenaphthene | 14.345 | 154 | 36191 | 0.190 | ng | | 100 |
| 18) Fluorene | 15.334 | 166 | 42166 | 0.182 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.423 | 198 | 1560 | 0.226 | ng | # | 87 |
| 21) 4-Bromophenyl-phenylether | 16.227 | 248 | 13072 | 0.195 | ng | # | 67 |
| 22) Hexachlorobenzene | 16.336 | 284 | 16153 | 0.202 | ng | | 100 |
| 23) Atrazine | 16.506 | 200 | 8285 | 0.182 | ng | | 98 |
| 24) Pentachlorophenol | 16.689 | 266 | 4279 | 0.168 | ng | | 98 |
| 25) Phenanthrene | 17.066 | 178 | 67292 | 0.198 | ng | | 100 |
| 26) Anthracene | 17.164 | 178 | 53234 | 0.180 | ng | | 100 |
| 28) Fluoranthene | 19.103 | 202 | 73806 | 0.198 | ng | | 100 |
| 30) Pyrene | 19.470 | 202 | 72947 | 0.204 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.227 | 228 | 62652 | 0.193 | ng | | 99 |
| 33) Chrysene | 21.281 | 228 | 71335 | 0.215 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.174 | 149 | 23337 | 0.241 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.781 | 276 | 85489 | 0.241 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.817 | 252 | 70245 | 0.189 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.861 | 252 | 72976 | 0.202 | ng | # | 96 |
| 39) Benzo(a)pyrene | 23.395 | 252 | 65676 | 0.193 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 25.802 | 278 | 68207 | 0.277 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.476 | 276 | 75792 | 0.235 | ng | | 100 |

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

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Misc :
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