Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080724\
Data File : BN033289.D
Acq On : 07 Aug 2024 19:24
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

Quant Time: Aug 08 04:30:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 04:24:54 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.589 | 152 | 5380 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.351 | 136 | 15790 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.222 | 164 | 10323 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.970 | 188 | 23627 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.178 | 240 | 22752 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.364 | 264 | 27062 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.213 | 112 | 1472 | 0.096 | ng | | 0.00 |
| 5) Phenol-d6 | 6.759 | 99 | 1992 | 0.099 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.717 | 82 | 991 | 0.076 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.950 | 152 | 2517 | 0.100 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.716 | 330 | 442 | 0.089 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.843 | 172 | 3876 | 0.099 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.011 | 212 | 6611 | 0.103 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.633 | 244 | 4083 | 0.073 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.206 | 88 | 597 | 0.091 | ng | # | 83 |
| 3) n-Nitrosodimethylamine | 3.502 | 42 | 722 | 0.115 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.026 | 93 | 1672 | 0.097 | ng | | 98 |
| 9) Naphthalene | 10.404 | 128 | 4469 | 0.105 | ng | # | 88 |
| 10) Hexachlorobutadiene | 10.703 | 225 | 834 | 0.112 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.026 | 142 | 3046 | 0.105 | ng | # | 89 |
| 16) Acenaphthylene | 13.934 | 152 | 4958 | 0.104 | ng | | 98 |
| 17) Acenaphthene | 14.286 | 154 | 3126 | 0.102 | ng | | 98 |
| 18) Fluorene | 15.281 | 166 | 4337 | 0.106 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.345 | 198 | 140 | 0.034 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.175 | 248 | 1462 | 0.109 | ng | | 90 |
| 22) Hexachlorobenzene | 16.287 | 284 | 1508 | 0.109 | ng | | 98 |
| 23) Atrazine | 16.461 | 200 | 1191 | 0.097 | ng | # | 88 |
| 24) Pentachlorophenol | 16.622 | 266 | 436 | 0.063 | ng | | 94 |
| 25) Phenanthrene | 17.007 | 178 | 6854 | 0.105 | ng | | 100 |
| 26) Anthracene | 17.106 | 178 | 6697 | 0.110 | ng | | 99 |
| 28) Fluoranthene | 19.038 | 202 | 8643 | 0.109 | ng | | 99 |
| 30) Pyrene | 19.401 | 202 | 9127 | 0.101 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.160 | 228 | 9134 | 0.107 | ng | | 99 |
| 33) Chrysene | 21.214 | 228 | 8719 | 0.108 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.151 | 149 | 5002 | 0.085 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 25.545 | 276 | 11484 | 0.114 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.712 | 252 | 9765 | 0.099 | ng | # | 91 |
| 38) Benzo(k)fluoranthene | 22.759 | 252 | 9266 | 0.099 | ng | # | 91 |
| 39) Benzo(a)pyrene | 23.268 | 252 | 8704 | 0.102 | ng | # | 89 |
| 40) Dibenzo(a,h)anthracene | 25.572 | 278 | 9044 | 0.114 | ng | # | 90 |
| 41) Benzo(g,h,i)perylene | 26.200 | 276 | 9880 | 0.116 | ng | # | 91 |

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

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