Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102620\
Data File : BN012393.D
Acq On : 26 Oct 2020 10:51
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Oct 26 12:47:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 12:39:15 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.586 | 152 | 528 | 0.40 | ng | # 0.00 |
| 7) Naphthalene-d8 | 10.364 | 136 | 2062 | 0.40 | ng | # 0.01 |
| 13) Acenaphthene-d10 | 14.230 | 164 | 1236 | 0.40 | ng | 0.01 |
| 19) Phenanthrene-d10 | 16.980 | 188 | 2572 | 0.40 | ng | # 0.01 |
| 29) Chrysene-d12 | 21.184 | 240 | 2692 | 0.40 | ng | # 0.00 |
| 36) Perylene-d12 | 23.357 | 264 | 3204 | 0.40 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.194 | 112 | 205 | 0.14 | ng | 0.00 |
| 5) Phenol-d6 | 6.773 | 99 | 216 | 0.12 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.755 | 82 | 192 | 0.09 | ng | 0.03 |
| 11) 2-Methylnaphthalene-d10 | 11.976 | 152 | 329 | 0.09 | ng | 0.02 |
| 14) 2,4,6-Tribromophenol | 15.740 | 330 | 88 | 0.13 | ng | 0.01 |
| 15) 2-Fluorobiphenyl | 12.860 | 172 | 437 | 0.08 | ng | 0.01 |
| 27) Fluoranthene-d10 | 19.023 | 212 | 847 | 0.10 | ng | 0.01 |
| 31) Terphenyl-d14 | 19.633 | 244 | 671 | 0.09 | ng | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.181 | 88 | 119 | 0.17 | ng | # 84 |
| 6) bis(2-Chloroethyl)ether | 7.031 | 93 | 119 | 0.08 | ng | # 76 |
| 9) Naphthalene | 10.402 | 128 | 634 | 0.11 | ng | # 57 |
| 10) Hexachlorobutadiene | 10.681 | 225 | 138 | 0.09 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.051 | 142 | 369 | 0.09 | ng | # 80 |
| 16) Acenaphthylene | 13.951 | 152 | 617 | 0.10 | ng | 97 |
| 17) Acenaphthene | 14.294 | 154 | 405 | 0.09 | ng | 94 |
| 18) Fluorene | 15.296 | 166 | 499 | 0.09 | ng | 94 |
| 20) 4,6-Dinitro-2-methylph... | 15.435 | 198 | 48 | 0.08 | ng | # 1 |
| 21) 4-Bromophenyl-phenylether | 16.189 | 248 | 157 | 0.10 | ng | # 86 |
| 22) Hexachlorobenzene | 16.287 | 284 | 202 | 0.11 | ng | # 84 |
| 23) Atrazine | 16.457 | 200 | 153 | 0.10 | ng | # 56 |
| 25) Phenanthrene | 17.017 | 178 | 770 | 0.09 | ng | 96 |
| 26) Anthracene | 17.127 | 178 | 684 | 0.09 | ng | 97 |
| 28) Fluoranthene | 19.052 | 202 | 920 | 0.09 | ng | # 98 |
| 30) Pyrene | 19.415 | 202 | 995 | 0.10 | ng | 98 |
| 32) Benzo(a)anthracene | 21.174 | 228 | 766 | 0.08 | ng | # 82 |
| 33) Chrysene | 21.216 | 228 | 1041 | 0.10 | ng | # 87 |
| 34) Bis(2-ethylhexyl)phtha... | 21.099 | 149 | 624 | 0.13 | ng | # 90 |
| 35) Indeno(1,2,3-cd)pyrene | 25.531 | 276 | 1435 | 0.11 | ng | # 95 |
| 37) Benzo(b)fluoranthene | 22.714 | 252 | 1034 | 0.08 | ng | # 40 |
| 38) Benzo(k)fluoranthene | 22.755 | 252 | 1241 | 0.09 | ng | # 43 |
| 39) Benzo(a)pyrene | 23.265 | 252 | 1027 | 0.09 | ng | # 29 |
| 40) Dibenzo(a,h)anthracene | 25.541 | 278 | 1147 | 0.09 | ng | # 33 |
| 41) Benzo(g,h,i)perylene | 26.178 | 276 | 1280 | 0.10 | ng | # 75 |

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

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