Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082420\
Data File : BN011601.D
Acq On : 24 Aug 2020 17:34
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED
mohammad
8/25/2020 4:20:13 PM

Quant Time: Aug 24 18:46:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 18:42:22 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 1902 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.54 | 136 | 8178 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.39 | 164 | 5490 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.14 | 188 | 12556 | 0.40 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.33 | 240 | 14064 | 0.40 | ng | | 0.00 |
| 36) Perylene-d12 | 23.59 | 264 | 14065 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.35 | 112 | 1367 | 0.34 | ng | | 0.00 |
| 5) Phenol-d6 | 6.92 | 99 | 1969 | 0.48 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.89 | 82 | 1518 | 0.28 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.14 | 152 | 3459 | 0.24 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.89 | 330 | 665 | 0.24 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 13.02 | 172 | 4751 | 0.21 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.18 | 212 | 9292 | 0.22 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.78 | 244 | 8086 | 0.22 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.30 | 88 | 700 | 0.269 | ng | # | 1 |
| 3) n-Nitrosodimethylamine | 3.60 | 42 | 692 | 0.646 | ng | # | 77 |
| 6) bis(2-Chloroethyl)ether | 7.18 | 93 | 1403 | 0.350 | ng | | 97 |
| 9) Naphthalene | 10.59 | 128 | 5064 | 0.214 | ng | # | 90 |
| 10) Hexachlorobutadiene | 10.90 | 225 | 1043 | 0.157 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.21 | 142 | 3833 | 0.235 | ng | | 96 |
| 16) Acenaphthylene | 14.12 | 152 | 6370 | 0.228 | ng | | 99 |
| 17) Acenaphthene | 14.46 | 154 | 4088 | 0.223 | ng | | 98 |
| 18) Fluorene | 15.45 | 166 | 5316 | 0.219 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylphenol | 15.52 | 198 | 275 | 0.181 | ng | # | 38 |
| 21) 4-Bromophenyl-phenylether | 16.35 | 248 | 1643 | 0.599 | ng | # | 66 |
| 22) Hexachlorobenzene | 16.44 | 284 | 1893 | 0.196 | ng | | 97 |
| 23) Atrazine | 16.60 | 200 | 1723 | 0.264 | ng | | 96 |
| 24) Pentachlorophenol | 16.80 | 266 | 832 | 0.276 | ng | | 99 |
| 25) Phenanthrene | 17.19 | 178 | 8701 | 0.220 | ng | | 99 |
| 26) Anthracene | 17.27 | 178 | 8681 | 0.263 | ng | | 99 |
| 28) Fluoranthene | 19.21 | 202 | 10788 | 0.212 | ng | | 100 |
| 30) Pyrene | 19.57 | 202 | 11326 | 0.202 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.31 | 228 | 11613 | 0.251 | ng | | 97 |
| 33) Chrysene | 21.36 | 228 | 11109 | 0.211 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phthalate | 21.27 | 149 | 8790 | 0.383 | ng | | 98 |
| 35) Indeno(1,2,3-cd)pyrene | 25.87 | 276 | 13741 | 0.288 | ng | # | 100 |
| 37) Benzo(b)fluoranthene | 22.92 | 252 | 11226 | 0.216 | ng | # | 93 |
| 38) Benzo(k)fluoranthene | 22.96 | 252 | 11669m | 0.188 | ng | | |
| 39) Benzo(a)pyrene | 23.49 | 252 | 10660 | 0.222 | ng | # | 89 |
| 40) Dibenzo(a,h)anthracene | 25.90 | 278 | 11377 | 0.283 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 26.57 | 276 | 11042 | 0.230 | ng | # | 93 |

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

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