Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042721\
Data File : BN014452.D
Acq On : 27 Apr 2021 10:23
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

**Manual Integrations APPROVED**
mohammad
4/27/2021 4:10:22 PM

Quant Time: Apr 27 11:43:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 11:43:13 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.684 | 152 | 10742 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.454 | 136 | 40707 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.308 | 164 | 22168 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.055 | 188 | 46001 | 0.40 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.250 | 240 | 41765 | 0.40 | ng | | 0.00 |
| 36) Perylene-d12 | 23.475 | 264 | 38996 | 0.40 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.284 | 112 | 9750 | 0.44 | ng | | 0.00 |
| 5) Phenol-d6 | 6.847 | 99 | 12525 | 0.46 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.819 | 82 | 9066 | 0.27 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.049 | 152 | 26343 | 0.43 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.805 | 330 | 2754 | 0.39 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.925 | 172 | 34877 | 0.40 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.094 | 212 | 48952 | 0.40 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.700 | 244 | 38044 | 0.43 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.247 | 88 | 4802 | 0.37 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.593 | 42 | 2312 | 0.41 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.112 | 93 | 11293 | 0.43 | ng | | 97 |
| 9) Naphthalene | 10.505 | 128 | 43149 | 0.43 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.796 | 225 | 8086 | 0.37 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.120 | 142 | 28506 | 0.43 | ng | | 99 |
| 16) Acenaphthylene | 14.029 | 152 | 32602 | 0.35 | ng | | 99 |
| 17) Acenaphthene | 14.372 | 154 | 24900 | 0.40 | ng | | 97 |
| 18) Fluorene | 15.361 | 166 | 30450 | 0.40 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.437 | 198 | 1542 | 0.30 | ng | # | 82 |
| 21) 4-Bromophenyl-phenylether | 16.252 | 248 | 9582 | 0.37 | ng | # | 89 |
| 22) Hexachlorobenzene | 16.374 | 284 | 12681 | 0.36 | ng | | 98 |
| 23) Atrazine | 16.520 | 200 | 5315 | 0.35 | ng | | 96 |
| 24) Pentachlorophenol | 16.715 | 266 | 2549 | 0.39 | ng | | 99 |
| 25) Phenanthrene | 17.092 | 178 | 51607 | 0.40 | ng | | 100 |
| 26) Anthracene | 17.189 | 178 | 39956 | 0.39 | ng | | 99 |
| 28) Fluoranthene | 19.124 | 202 | 55022 | 0.40 | ng | | 99 |
| 30) Pyrene | 19.491 | 202 | 55831 | 0.45 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.239 | 228 | 46118 | 0.42 | ng | | 100 |
| 33) Chrysene | 21.292 | 228 | 55626 | 0.43 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.176 | 149 | 13392 | 0.34 | ng | | 99 |
| 35) Indeno(1,2,3-cd)pyrene | 25.707 | 276 | 62653 | 0.43 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.811 | 252 | 57148m | 0.40 | ng | | |
| 38) Benzo(k)fluoranthene | 22.856 | 252 | 60524 | 0.41 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.380 | 252 | 53514 | 0.44 | ng | # | 88 |
| 40) Dibenzo(a,h)anthracene | 25.724 | 278 | 51717 | 0.38 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 26.385 | 276 | 53390 | 0.37 | ng | | 99 |

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

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