Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032321\
Data File : BN014053.D
Acq On : 23 Mar 2021 22:42
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
3/24/2021 1:55:40 PM

Quant Time: Mar 24 02:59:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 11:06:27 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.700 | 152 | 5473 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.467 | 136 | 20882 | 0.40 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.321 | 164 | 11906 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.055 | 188 | 25524 | 0.40 | ng | | -0.01 |
| 29) Chrysene-d12 | 21.239 | 240 | 23927 | 0.40 | ng | | # 0.00 |
| 36) Perylene-d12 | 23.445 | 264 | 22777 | 0.40 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.292 | 112 | 5845 | 0.46 | ng | | 0.00 |
| 5) Phenol-d6 | 6.863 | 99 | 7463 | 0.47 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.845 | 82 | 5544 | 0.40 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.062 | 152 | 14375 | 0.44 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.818 | 330 | 1451 | 0.37 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.950 | 172 | 19369 | 0.44 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.089 | 212 | 30665 | 0.43 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.690 | 244 | 24838 | 0.47 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.239 | 88 | 3005 | 0.42 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.577 | 42 | 1713 | 0.35 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.128 | 93 | 6460 | 0.46 | ng | | 96 |
| 9) Naphthalene | 10.517 | 128 | 23096 | 0.44 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.809 | 225 | 4268 | 0.44 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.137 | 142 | 15518 | 0.45 | ng | | 99 |
| 16) Acenaphthylene | 14.042 | 152 | 18385 | 0.40 | ng | | 99 |
| 17) Acenaphthene | 14.384 | 154 | 14016 | 0.42 | ng | | 98 |
| 18) Fluorene | 15.374 | 166 | 17783 | 0.42 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.450 | 198 | 1060 | 0.37 | ng | | 92 |
| 21) 4-Bromophenyl-phenylether | 16.264 | 248 | 5643 | 0.43 | ng | # | 82 |
| 22) Hexachlorobenzene | 16.374 | 284 | 6515 | 0.43 | ng | | 99 |
| 23) Atrazine | 16.532 | 200 | 3332 | 0.37 | ng | | 96 |
| 24) Pentachlorophenol | 16.714 | 266 | 1345 | 0.38 | ng | | 99 |
| 25) Phenanthrene | 17.104 | 178 | 30331 | 0.43 | ng | | 100 |
| 26) Anthracene | 17.189 | 178 | 24242 | 0.42 | ng | | 100 |
| 28) Fluoranthene | 19.119 | 202 | 33616 | 0.43 | ng | | 99 |
| 30) Pyrene | 19.481 | 202 | 33656 | 0.46 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.218 | 228 | 29333 | 0.43 | ng | | 97 |
| 33) Chrysene | 21.271 | 228 | 34401 | 0.47 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.154 | 149 | 8762 | 0.34 | ng | | 99 |
| 35) Indeno(1,2,3-cd)pyrene | 25.652 | 276 | 38654 | 0.48 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.781 | 252 | 36169 | 0.44 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 22.828 | 252 | 35438m | 0.44 | ng | | |
| 39) Benzo(a)pyrene | 23.349 | 252 | 32129 | 0.45 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 25.666 | 278 | 32702 | 0.43 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.327 | 276 | 34299 | 0.43 | ng | | 98 |

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

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