Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013308.D
Acq On : 24 Dec 2020 00:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
mohammad
12/24/2020 10:42:38 AM

Quant Time: Dec 24 03:36:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.330 | 152 | 645 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.087 | 136 | 1962 | 0.40 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 13.991 | 164 | 1232 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.763 | 188 | 2774 | 0.40 | ng | | # 0.00 |
| 29) Chrysene-d12 | 20.992 | 240 | 2630 | 0.40 | ng | | # 0.00 |
| 36) Perylene-d12 | 23.076 | 264 | 2895 | 0.40 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 4.954 | 112 | 1058 | 0.40 | ng | | 0.00 |
| 5) Phenol-d6 | 6.541 | 99 | 1120 | 0.42 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.515 | 82 | 884 | 0.44 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.706 | 152 | 1398 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.526 | 330 | 333 | 0.43 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.608 | 172 | 2175 | 0.42 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.808 | 212 | 3369 | 0.37 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.429 | 244 | 2938 | 0.44 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.925 | 88 | 961 | 0.85 | ng | # | 87 |
| 3) n-Nitrosodimethylamine | 3.271 | 42 | 759 | 0.41 | ng | # | 85 |
| 6) bis(2-Chloroethyl)ether | 6.782 | 93 | 535 | 0.32 | ng | # | 75 |
| 9) Naphthalene | 10.137 | 128 | 2417 | 0.40 | ng | | 94 |
| 10) Hexachlorobutadiene | 10.403 | 225 | 589 | 0.46 | ng | # | 97 |
| 12) 2-Methylnaphthalene | 11.782 | 142 | 1650 | 0.40 | ng | # | 92 |
| 16) Acenaphthylene | 13.712 | 152 | 2653 | 0.41 | ng | | 100 |
| 17) Acenaphthene | 14.054 | 154 | 1704 | 0.42 | ng | | 90 |
| 18) Fluorene | 15.057 | 166 | 2275 | 0.42 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.247 | 198 | 142 | 0.37 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.008 | 248 | 299 | 0.55 | ng | # | 90 |
| 22) Hexachlorobenzene | 16.069 | 284 | 723 | 0.38 | ng | | 99 |
| 23) Atrazine | 16.252 | 200 | 612 | 0.37 | ng | # | 91 |
| 24) Pentachlorophenol | 16.434 | 266 | 320 | 0.40 | ng | | 95 |
| 25) Phenanthrene | 16.799 | 178 | 3534 | 0.39 | ng | | 97 |
| 26) Anthracene | 16.897 | 178 | 3000 | 0.37 | ng | | 100 |
| 28) Fluoranthene | 18.838 | 202 | 4354 | 0.40 | ng | | 99 |
| 30) Pyrene | 19.205 | 202 | 4418 | 0.43 | ng | | 99 |
| 32) Benzo(a)anthracene | 20.971 | 228 | 3468 | 0.38 | ng | | 96 |
| 33) Chrysene | 21.024 | 228 | 4341 | 0.44 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 20.907 | 149 | 2051 | 0.17 | ng | | 97 |
| 35) Indeno(1,2,3-cd)pyrene | 25.109 | 276 | 5542 | 0.41 | ng | | 96 |
| 37) Benzo(b)fluoranthene | 22.463 | 252 | 4617m | 0.45 | ng | | |
| 38) Benzo(k)fluoranthene | 22.501 | 252 | 5024 | 0.43 | ng | | 92 |
| 39) Benzo(a)pyrene | 22.990 | 252 | 4377 | 0.43 | ng | # | 88 |
| 40) Dibenzo(a,h)anthracene | 25.123 | 278 | 4552 | 0.41 | ng | # | 90 |
| 41) Benzo(g,h,i)perylene | 25.725 | 276 | 5078 | 0.43 | ng | # | 94 |

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

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