Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023486.D
Acq On : 27 Dec 2022 13:22
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 28 03:34:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:33:25 2022
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo

12/28/2022
Supervised By :Jagrut Upadhyay

12/28/2022

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.977 | 152 | 6286 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.797 | 136 | 17614 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.624 | 164 | 10003 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.377 | 188 | 21406 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.567 | 240 | 17629 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.008 | 264 | 15519 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.522 | 112 | 1460 | 0.084 | ng | | 0.00 |
| 5) Phenol-d6 | 7.140 | 99 | 1745 | 0.084 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.142 | 82 | 1349 | 0.095 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.382 | 152 | 2347 | 0.078 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.124 | 330 | 433 | 0.115 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.255 | 172 | 4096 | 0.099 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.406 | 212 | 4904 | 0.077 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.000 | 244 | 4354 | 0.103 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.377 | 88 | 640 | 0.078 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.709 | 42 | 744 | 0.099 | ng | # | 95 |
| 6) bis(2-Chloroethyl)ether | 7.399 | 93 | 1685 | 0.094 | ng | | 97 |
| 9) Naphthalene | 10.840 | 128 | 4427 | 0.084 | ng | | 96 |
| 10) Hexachlorobutadiene | 11.128 | 225 | 900 | 0.094 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.458 | 142 | 3360 | 0.096 | ng | | 98 |
| 16) Acenaphthylene | 14.346 | 152 | 3747 | 0.078 | ng | | 100 |
| 17) Acenaphthene | 14.688 | 154 | 2671 | 0.082 | ng | | 98 |
| 18) Fluorene | 15.671 | 166 | 3710 | 0.087 | ng | | 100 |
| 21) 4-Bromophenyl-phenylether | 16.558 | 248 | 1220 | 0.098 | ng | | 96 |
| 22) Hexachlorobenzene | 16.682 | 284 | 1476 | 0.107 | ng | | 99 |
| 23) Atrazine | 16.831 | 200 | 915 | 0.093 | ng | | 97 |
| 25) Phenanthrene | 17.415 | 178 | 5847 | 0.081 | ng | | 99 |
| 26) Anthracene | 17.501 | 178 | 4611 | 0.074 | ng | | 99 |
| 28) Fluoranthene | 19.435 | 202 | 6317 | 0.080 | ng | | 100 |
| 30) Pyrene | 19.798 | 202 | 6449 | 0.086 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.549 | 228 | 5579 | 0.089 | ng | | 98 |
| 33) Chrysene | 21.603 | 228 | 5990 | 0.086 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.468 | 149 | 3826 | 0.108 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.551 | 276 | 5458 | 0.079 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 23.259 | 252 | 5427 | 0.091 | ng | # | 79 |
| 38) Benzo(k)fluoranthene | 23.309 | 252 | 5504m | 0.086 | ng | | |
| 39) Benzo(a)pyrene | 23.897 | 252 | 4163 | 0.080 | ng | # | 70 |
| 40) Dibenzo(a,h)anthracene | 26.572 | 278 | 4132 | 0.075 | ng | # | 88 |
| 41) Benzo(g,h,i)perylene | 27.341 | 276 | 4924 | 0.081 | ng | # | 90 |

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

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