Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019261.D
Acq On : 31 Mar 2022 20:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/01/2022
Supervised By :Jagrut Upadhyay 04/01/2022

Quant Time: Apr 01 04:46:18 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN033122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 31 12:41:03 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.833 | 152 | 5328 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.637 | 136 | 14545 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.474 | 164 | 9177 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.215 | 188 | 18639 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.404 | 240 | 13656 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.767 | 264 | 11613 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.392 | 112 | 4584 | 0.393 | ng | | 0.00 |
| 5) Phenol-d6 | 7.002 | 99 | 4519 | 0.365 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.993 | 82 | 3660 | 0.350 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.235 | 152 | 9397 | 0.407 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.964 | 330 | 1429 | 0.333 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.105 | 172 | 14370 | 0.390 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.249 | 212 | 21950 | 0.392 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.847 | 244 | 12390 | 0.408 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.225 | 88 | 2769 | 0.391 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.557 | 42 | 2618 | 0.354 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 7.255 | 93 | 5561 | 0.377 | ng | | 95 |
| 9) Naphthalene | 10.690 | 128 | 16847 | 0.400 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.979 | 225 | 4041 | 0.411 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.306 | 142 | 10998 | 0.404 | ng | | 99 |
| 16) Acenaphthylene | 14.196 | 152 | 15588 | 0.369 | ng | | 99 |
| 17) Acenaphthene | 14.538 | 154 | 11736 | 0.390 | ng | | 99 |
| 18) Fluorene | 15.522 | 166 | 14825 | 0.394 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.618 | 198 | 749 | 0.325 | ng | # | 80 |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248 | 4627 | 0.387 | ng | # | 77 |
| 22) Hexachlorobenzene | 16.528 | 284 | 6308 | 0.405 | ng | | 99 |
| 23) Atrazine | 16.672 | 200 | 2864 | 0.349 | ng | | 97 |
| 24) Pentachlorophenol | 16.877 | 266 | 1438m | 0.321 | ng | | |
| 25) Phenanthrene | 17.256 | 178 | 23331 | 0.398 | ng | | 100 |
| 26) Anthracene | 17.349 | 178 | 17761 | 0.366 | ng | | 100 |
| 28) Fluoranthene | 19.278 | 202 | 27220 | 0.389 | ng | | 99 |
| 30) Pyrene | 19.641 | 202 | 27721 | 0.411 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.387 | 228 | 14958 | 0.350 | ng | | 99 |
| 33) Chrysene | 21.440 | 228 | 22020 | 0.403 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149 | 10169 | 0.356 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.208 | 276 | 17035m | 0.359 | ng | | |
| 37) Benzo(b)fluoranthene | 23.048 | 252 | 17215m | 0.399 | ng | | |
| 38) Benzo(k)fluoranthene | 23.092 | 252 | 16905 | 0.363 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.662 | 252 | 15847 | 0.404 | ng | # | 80 |
| 40) Dibenzo(a,h)anthracene | 26.226 | 278 | 12304 | 0.355 | ng | | 94 |
| 41) Benzo(g,h,i)perylene | 26.945 | 276 | 17754 | 0.367 | ng | | 99 |

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

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