Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
Data File : BN034578.D
Acq On : 14 Oct 2024 19:14
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/15/2024

Quant Time: Oct 15 00:05:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 14 17:52:02 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.365 | 152 | 5215 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.116 | 136 | 16487 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.008 | 164 | 10430 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 16.771 | 188 | 20825 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.008 | 240 | 6029 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.101 | 264 | 12373 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.004 | 112 | 6071 | 0.429 | ng | 0.00 |
| 5) Phenol-d6 | 6.571 | 99 | 6489 | 0.443 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.514 | 82 | 4038 | 0.376 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.723 | 152 | 10002 | 0.405 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.530 | 330 | 1978 | 0.428 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.629 | 172 | 13269 | 0.369 | ng | -0.01 |
| 27) Fluoranthene-d10 | 18.820 | 212 | 20223 | 0.399 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.442 | 244 | 13204 | 0.496 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.018 | 88 | 2415 | 0.384 | ng | 98 |
| 3) n-Nitrosodimethylamine | 3.321 | 42 | 2178 | 0.380 | ng | # 89 |
| 6) bis(2-Chloroethyl)ether | 6.809 | 93 | 4445 | 0.371 | ng | 99 |
| 9) Naphthalene | 10.169 | 128 | 16883 | 0.391 | ng | 99 |
| 10) Hexachlorobutadiene | 10.457 | 225 | 3651 | 0.388 | ng | # 100 |
| 12) 2-Methylnaphthalene | 11.799 | 142 | 11200 | 0.403 | ng | 98 |
| 16) Acenaphthylene | 13.730 | 152 | 15734 | 0.371 | ng | 100 |
| 17) Acenaphthene | 14.072 | 154 | 11517 | 0.384 | ng | 99 |
| 18) Fluorene | 15.077 | 166 | 14861 | 0.387 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 16.274 | 198 | 113 | 0.395 | ng | 83 |
| 21) 4-Bromophenyl-phenylether | 15.989 | 248 | 4469 | 0.395 | ng | 96 |
| 22) Hexachlorobenzene | 16.088 | 284 | 6227 | 0.408 | ng | 98 |
| 23) Atrazine | 16.274 | 200 | 3769 | 0.419 | ng | 98 |
| 24) Pentachlorophenol | 16.448 | 266 | 1811 | 0.415 | ng | 97 |
| 25) Phenanthrene | 16.821 | 178 | 22057 | 0.401 | ng | 100 |
| 26) Anthracene | 16.907 | 178 | 18931 | 0.397 | ng | 99 |
| 28) Fluoranthene | 18.852 | 202 | 24446 | 0.391 | ng | 99 |
| 30) Pyrene | 19.219 | 202 | 24915 | 0.421 | ng | 100 |
| 33) Chrysene | 21.035 | 228 | 21772 | 0.403 | ng | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 25.156 | 276 | 18455 | 0.384 | ng | 99 |
| 37) Benzo(b)fluoranthene | 22.484 | 252 | 16074 | 0.389 | ng | 99 |
| 38) Benzo(k)fluoranthene | 22.525 | 252 | 19117m | 0.406 | ng | |
| 39) Benzo(a)pyrene | 23.013 | 252 | 14533 | 0.405 | ng | 100 |
| 40) Dibenzo(a,h)anthracene | 25.174 | 278 | 14073 | 0.383 | ng | 98 |
| 41) Benzo(g,h,i)perylene | 25.776 | 276 | 16730 | 0.381 | ng | 98 |

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

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