Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033122\
Data File : BN019283.D
Acq On : 01 Apr 2022 11:36
Operator : CG/JU
Sample : N2176-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
TT-156-IDWSO-20220329-1MS

**Manual Integrations APPROVED**

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

Quant Time: Apr 01 16:41:13 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 | 7545 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.637 | 136 | 21019 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.474 | 164 | 12604 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.215 | 188 | 25947 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.404 | 240 | 16727 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.764 | 264 | 13090 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.391 | 112 | 5453 | 0.331 | ng | | 0.00 |
| 5) Phenol-d6 | 6.995 | 99 | 6402 | 0.366 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.982 | 82 | 4089 | 0.271 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.227 | 152 | 13142m | 0.394 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.964 | 330 | 1593 | 0.270 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.095 | 172 | 14828 | 0.293 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.244 | 212 | 22649 | 0.291 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.843 | 244 | 11932 | 0.321 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.232 | 88 | 2803 | 0.279 | ng | # | 72 |
| 3) n-Nitrosodimethylamine | 3.557 | 42 | 4684 | 0.447 | ng | | 91 |
| 6) bis(2-Chloroethyl)ether | 7.248 | 93 | 9174 | 0.439 | ng | | 98 |
| 9) Naphthalene | 10.680 | 128 | 24488 | 0.402 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.978 | 225 | 5265 | 0.370 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.299 | 142 | 16049 | 0.408 | ng | | 98 |
| 16) Acenaphthylene | 14.185 | 152 | 23785 | 0.410 | ng | | 100 |
| 17) Acenaphthene | 14.527 | 154 | 16315 | 0.395 | ng | | 99 |
| 18) Fluorene | 15.521 | 166 | 20713 | 0.401 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.607 | 198 | 1085 | 0.334 | ng | | 94 |
| 21) 4-Bromophenyl-phenylether | 16.405 | 248 | 6763 | 0.406 | ng | # | 89 |
| 22) Hexachlorobenzene | 16.528 | 284 | 8058 | 0.372 | ng | | 99 |
| 23) Atrazine | 16.672 | 200 | 4573 | 0.401 | ng | | 98 |
| 24) Pentachlorophenol | 16.866 | 266 | 4105 | 0.658 | ng | | 98 |
| 25) Phenanthrene | 17.256 | 178 | 36081 | 0.442 | ng | | 99 |
| 26) Anthracene | 17.348 | 178 | 28549 | 0.423 | ng | | 98 |
| 28) Fluoranthene | 19.274 | 202 | 40922 | 0.420 | ng | | 99 |
| 30) Pyrene | 19.636 | 202 | 40283 | 0.487 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.386 | 228 | 23365 | 0.446 | ng | | 99 |
| 33) Chrysene | 21.440 | 228 | 27016 | 0.403 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.315 | 149 | 18272 | 0.522 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.202 | 276 | 18279 | 0.342 | ng | | 96 |
| 37) Benzo(b)fluoranthene | 23.048 | 252 | 21821 | 0.449 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.092 | 252 | 21800m | 0.416 | ng | | |
| 39) Benzo(a)pyrene | 23.659 | 252 | 20195 | 0.457 | ng | | 96 |
| 40) Dibenzo(a,h)anthracene | 26.220 | 278 | 14681 | 0.376 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 26.939 | 276 | 18982 | 0.348 | ng | | 100 |

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

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