Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016927.D
Acq On : 13 Oct 2021 09:48
Operator : CG/JU
Sample : PB139783BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB139783BSD

**Manual Integrations APPROVED**
mohammad
10/14/2021 10:52:40 AM

Quant Time: Oct 13 10:54:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.679 | 152 | 24041 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.445 | 136 | 106531 | 0.40 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.294 | 164 | 55662 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.030 | 188 | 107337 | 0.40 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.227 | 240 | 110427 | 0.40 | ng | | 0.00 |
| 35) Perylene-d12 | 23.474 | 264 | 113392 | 0.40 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.291 | 112 | 22824 | 0.42 | ng | | 0.00 |
| 5) Phenol-d6 | 6.868 | 99 | 25209 | 0.41 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.822 | 82 | 26344 | 0.39 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.038 | 152 | 59288 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.791 | 330 | 9231 | 0.37 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.924 | 172 | 83940 | 0.40 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.068 | 212 | 108524 | 0.40 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.678 | 244 | 94047 | 0.39 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.272 | 88 | 6816m | 0.42 | ng | | |
| 3) n-Nitrosodimethylamine | 3.604 | 42 | 7767 | 0.42 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 7.126 | 93 | 26970 | 0.41 | ng | | 99 |
| 9) Naphthalene | 10.495 | 128 | 109323 | 0.40 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.787 | 225 | 21533 | 0.39 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.109 | 142 | 70841 | 0.40 | ng | | 99 |
| 16) Acenaphthylene | 14.015 | 152 | 89135 | 0.40 | ng | | 100 |
| 17) Acenaphthene | 14.357 | 154 | 61449 | 0.40 | ng | | 98 |
| 18) Fluorene | 15.347 | 166 | 73872 | 0.40 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198 | 2678 | 0.31 | ng | | 99 |
| 21) 4-Bromophenyl-phenylether | 16.239 | 248 | 23973 | 0.38 | ng | # | 92 |
| 22) Hexachlorobenzene | 16.348 | 284 | 28040 | 0.38 | ng | | 100 |
| 23) Atrazine | 16.519 | 200 | 16490 | 0.40 | ng | | 98 |
| 24) Pentachlorophenol | 16.689 | 266 | 8111 | 0.42 | ng | | 99 |
| 25) Phenanthrene | 17.078 | 178 | 119464 | 0.39 | ng | | 100 |
| 26) Anthracene | 17.164 | 178 | 104620 | 0.40 | ng | | 100 |
| 28) Fluoranthene | 19.098 | 202 | 136703 | 0.41 | ng | | 100 |
| 30) Pyrene | 19.460 | 202 | 137755 | 0.39 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.217 | 228 | 139597 | 0.42 | ng | | 99 |
| 33) Chrysene | 21.259 | 228 | 143736 | 0.40 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.164 | 149 | 479981 | 2.46 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.744 | 276 | 162483 | 0.38 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.796 | 252 | 148814 | 0.41 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.841 | 252 | 147746 | 0.41 | ng | | 100 |
| 39) Benzo(a)pyrene | 23.371 | 252 | 134989 | 0.41 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.764 | 278 | 134771 | 0.39 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.435 | 276 | 132214 | 0.36 | ng | | 100 |

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

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