Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111821\
Data File : BN017512.D
Acq On : 18 Nov 2021 18:19
Operator : CG/JU
Sample : M4740-10MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
GWBR3D-B-290-311-111721MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 11/19/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 19 03:36:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 14:06:59 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.874 | 152 | 29473 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.661 | 136 | 131436 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.485 | 164 | 68112 | 0.400 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.238 | 188 | 113802 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.420 | 240 | 93625 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.794 | 264 | 78232 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.477 | 112 | 8867 | 0.126 | ng | | 0.03 |
| 5) Phenol-d6 | 7.044 | 99 | 6554 | 0.087 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.014 | 82 | 25150 | 0.309 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.248 | 152 | 57412 | 0.266 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.983 | 330 | 9976 | 0.577 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.115 | 172 | 68985 | 0.269 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.263 | 212 | 132949 | 0.391 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.863 | 244 | 103395 | 0.450 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.411 | 88 | 67235m | 5.182 | ng | | |
| 3) n-Nitrosodimethylamine | 3.734 | 42 | 5460 | 0.221 | ng | # | 85 |
| 6) bis(2-Chloroethyl)ether | 7.293 | 93 | 25352 | 0.313 | ng | | 98 |
| 9) Naphthalene | 10.712 | 128 | 96620 | 0.293 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.016 | 225 | 17846 | 0.258 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.319 | 142 | 63495 | 0.304 | ng | | 98 |
| 16) Acenaphthylene | 14.206 | 152 | 90857 | 0.358 | ng | | 100 |
| 17) Acenaphthene | 14.549 | 154 | 59229 | 0.322 | ng | | 98 |
| 18) Fluorene | 15.539 | 166 | 81643 | 0.386 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.615 | 198 | 1452 | 0.448 | ng | # | 84 |
| 21) 4-Bromophenyl-phenylether | 16.422 | 248 | 29042 | 0.451 | ng | | 97 |
| 22) Hexachlorobenzene | 16.544 | 284 | 29178 | 0.401 | ng | | 96 |
| 23) Atrazine | 16.702 | 200 | 29416 | 0.799 | ng | | 96 |
| 24) Pentachlorophenol | 16.885 | 266 | 24571 | 1.383 | ng | | 99 |
| 25) Phenanthrene | 17.274 | 178 | 149351 | 0.478 | ng | | 99 |
| 26) Anthracene | 17.359 | 178 | 131598 | 0.507 | ng | | 100 |
| 28) Fluoranthene | 19.292 | 202 | 167330 | 0.499 | ng | | 97 |
| 30) Pyrene | 19.655 | 202 | 165821 | 0.493 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.398 | 228 | 139035 | 0.480 | ng | | 99 |
| 33) Chrysene | 21.451 | 228 | 134998 | 0.453 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.345 | 149 | 216594 | 1.430 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.244 | 276 | 86355 | 0.478 | ng | | 96 |
| 37) Benzo(b)fluoranthene | 23.071 | 252 | 126258 | 0.430 | ng | # | 96 |
| 38) Benzo(k)fluoranthene | 23.119 | 252 | 115628 | 0.428 | ng | # | 96 |
| 39) Benzo(a)pyrene | 23.687 | 252 | 107432 | 0.471 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 26.261 | 278 | 68323 | 0.497 | ng | # | 90 |
| 41) Benzo(g,h,i)perylene | 26.991 | 276 | 79812 | 0.470 | ng | | 98 |

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

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