Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081123\
Data File : BN026886.D
Acq On : 10 Aug 2023 16:45
Operator : MA/JU
Sample : 03862-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
BUILDING-B-11-(10-15)MSD

Quant Time: Aug 11 02:13:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 01:57:19 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.109 | 152 | 6457 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.938 | 136 | 16393 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.737 | 164 | 11587 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.480 | 188 | 26805 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.659 | 240 | 24037 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 24.209 | 264 | 27634 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.618 | 112 | 6383 | 0.351 | ng | | 0.00 |
| 5) Phenol-d6 | 7.236 | 99 | 7818 | 0.348 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.294 | 82 | 4881 | 0.352 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.510 | 152 | 10388 | 0.399 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.226 | 330 | 1893 | 0.307 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.368 | 172 | 16860 | 0.392 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.500 | 212 | 26176 | 0.381 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.090 | 244 | 18785 | 0.374 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.480 | 88 | 2707 | 0.390 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.819 | 42 | 2939 | 0.380 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.539 | 93 | 7387 | 0.391 | ng | | 99 |
| 9) Naphthalene | 10.992 | 128 | 17080 | 0.396 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.226 | 225 | 3667 | 0.416 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.585 | 142 | 13435 | 0.399 | ng | | 99 |
| 16) Acenaphthylene | 14.459 | 152 | 20427 | 0.369 | ng | | 99 |
| 17) Acenaphthene | 14.801 | 154 | 13406 | 0.392 | ng | | 99 |
| 18) Fluorene | 15.780 | 166 | 17966 | 0.392 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 16.934 | 198 | 184 | 0.438 | ng | # | 55 |
| 21) 4-Bromophenyl-phenylether | 16.673 | 248 | 5868 | 0.383 | ng | | 98 |
| 22) Hexachlorobenzene | 16.748 | 284 | 6534 | 0.400 | ng | | 99 |
| 23) Atrazine | 16.934 | 200 | 4795 | 0.352 | ng | | 99 |
| 24) Pentachlorophenol | 17.108 | 266 | 2429 | 0.294 | ng | | 99 |
| 25) Phenanthrene | 17.517 | 178 | 29831 | 0.387 | ng | | 100 |
| 26) Anthracene | 17.617 | 178 | 26329 | 0.366 | ng | | 100 |
| 28) Fluoranthene | 19.532 | 202 | 35134 | 0.385 | ng | | 100 |
| 30) Pyrene | 19.895 | 202 | 36176 | 0.391 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.641 | 228 | 33264 | 0.383 | ng | | 99 |
| 33) Chrysene | 21.695 | 228 | 34895 | 0.398 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.533 | 149 | 19549 | 0.313 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.908 | 276 | 44665 | 0.395 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.414 | 252 | 36562 | 0.395 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 23.469 | 252 | 35930 | 0.378 | ng | | 99 |
| 39) Benzo(a)pyrene | 24.095 | 252 | 36177 | 0.390 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 26.937 | 278 | 35278 | 0.392 | ng | | 99 |
| 41) Benzo(g,h,i)perylene | 27.747 | 276 | 37879 | 0.391 | ng | | 99 |

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

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