Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033601.D
Acq On : 23 Aug 2024 22:43
Operator : MA/JU
Sample : PB162937BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB162937BS

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 24 02:19:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.545 | 152 | 9014 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.304 | 136 | 23115 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.178 | 164 | 10940 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.929 | 188 | 21006 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.139 | 240 | 16616 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.303 | 264 | 18832 | 0.400 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.183 | 112 | 9872 | 0.345 | ng | | 0.00 |
| 5) Phenol-d6 | 6.736 | 99 | 11982 | 0.352 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.681 | 82 | 7220 | 0.377 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.899 | 152 | 12124 | 0.367 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.676 | 330 | 2176 | 0.370 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.799 | 172 | 16969 | 0.380 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.970 | 212 | 19154 | 0.379 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.583 | 244 | 13355 | 0.354 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.183 | 88 | 3462 | 0.334 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.472 | 42 | 3956 | 0.328 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 6.982 | 93 | 9083 | 0.376 | ng | | 99 |
| 9) Naphthalene | 10.357 | 128 | 22588 | 0.366 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.645 | 225 | 4800 | 0.390 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.975 | 142 | 13996 | 0.358 | ng | | 99 |
| 16) Acenaphthylene | 13.889 | 152 | 17324 | 0.361 | ng | | 100 |
| 17) Acenaphthene | 14.242 | 154 | 11817 | 0.350 | ng | | 99 |
| 18) Fluorene | 15.236 | 166 | 14630 | 0.344 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.322 | 198 | 414 | 0.126 | ng | # | 81 |
| 21) 4-Bromophenyl-phenylether | 16.135 | 248 | 4770 | 0.374 | ng | | 97 |
| 22) Hexachlorobenzene | 16.247 | 284 | 5201 | 0.369 | ng | | 100 |
| 23) Atrazine | 16.408 | 200 | 3932 | 0.386 | ng | | 95 |
| 24) Pentachlorophenol | 16.594 | 266 | 2244 | 0.368 | ng | | 99 |
| 25) Phenanthrene | 16.966 | 178 | 20916 | 0.358 | ng | | 100 |
| 26) Anthracene | 17.066 | 178 | 18911 | 0.366 | ng | | 100 |
| 28) Fluoranthene | 19.003 | 202 | 23627 | 0.366 | ng | | 100 |
| 30) Pyrene | 19.365 | 202 | 24903 | 0.336 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.121 | 228 | 22891 | 0.381 | ng | | 99 |
| 33) Chrysene | 21.175 | 228 | 21884 | 0.366 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.077 | 149 | 17568m | 0.462 | ng | | |
| 36) Indeno(1,2,3-cd)pyrene | 25.449 | 276 | 28052 | 0.359 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 22.657 | 252 | 24538 | 0.349 | ng | | 99 |
| 38) Benzo(k)fluoranthene | 22.700 | 252 | 23213 | 0.335 | ng | | 98 |
| 39) Benzo(a)pyrene | 23.206 | 252 | 21138 | 0.363 | ng | | 100 |
| 40) Dibenzo(a,h)anthracene | 25.469 | 278 | 22377 | 0.358 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.104 | 276 | 23720 | 0.355 | ng | | 98 |

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

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