Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021761.D
Acq On : 15 Sep 2022 00:22
Operator : CG/JU
Sample : PB147574BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB147574BSD

Quant Time: Sep 15 02:14:23 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.055 | 152 | 4461 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.888 | 136 | 14031 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.707 | 164 | 8520 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.456 | 188 | 19078 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.643 | 240 | 14711 | 0.400 | ng | #-0.01 |
| 35) Perylene-d12 | 24.156 | 264 | 11685 | 0.400 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.585 | 112 | 4480 | 0.384 | ng | 0.00 |
| 5) Phenol-d6 | 7.210 | 99 | 5749 | 0.388 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.233 | 82 | 4298 | 0.370 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.475 | 152 | 13780 | 0.389 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.197 | 330 | 1402 | 0.360 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.339 | 172 | 13620 | 0.392 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.490 | 212 | 19324 | 0.376 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.076 | 244 | 13387 | 0.398 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.396 | 88 | 2181 | 0.378 | ng | 96 |
| 3) n-Nitrosodimethylamine | 3.736 | 42 | 2221 | 0.379 | ng | # 92 |
| 6) bis(2-Chloroethyl)ether | 7.470 | 93 | 5490 | 0.374 | ng | 99 |
| 9) Naphthalene | 10.930 | 128 | 15825 | 0.382 | ng | 99 |
| 10) Hexachlorobutadiene | 11.219 | 225 | 2700 | 0.390 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.176 | 142 | 3299 | 0.371 | ng | 98 |
| 16) Acenaphthylene | 14.429 | 152 | 14554 | 0.358 | ng | 100 |
| 17) Acenaphthene | 14.771 | 154 | 10531 | 0.379 | ng | 99 |
| 18) Fluorene | 15.747 | 166 | 14025 | 0.379 | ng | 99 |
| 21) 4-Bromophenyl-phenylether | 16.648 | 248 | 4325 | 0.368 | ng | 92 |
| 22) Hexachlorobenzene | 16.763 | 284 | 5063 | 0.383 | ng | 99 |
| 23) Atrazine | 16.913 | 200 | 3367 | 0.347 | ng | 99 |
| 24) Pentachlorophenol | 17.109 | 266 | 1562 | 0.315 | ng | 98 |
| 25) Phenanthrene | 17.502 | 178 | 23929 | 0.374 | ng | 100 |
| 26) Anthracene | 17.594 | 178 | 19600 | 0.362 | ng | 100 |
| 28) Fluoranthene | 19.519 | 202 | 25925 | 0.376 | ng | 100 |
| 30) Pyrene | 19.882 | 202 | 28445 | 0.389 | ng | 99 |
| 32) Benzo(a)anthracene | 21.625 | 228 | 21558 | 0.382 | ng | 98 |
| 33) Chrysene | 21.679 | 228 | 22852 | 0.390 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.535 | 149 | 13206 | 0.350 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 26.796 | 276 | 20387 | 0.367 | ng | 100 |
| 37) Benzo(b)fluoranthene | 23.381 | 252 | 20811 | 0.392 | ng | 98 |
| 38) Benzo(k)fluoranthene | 23.430 | 252 | 19811 | 0.382 | ng | 98 |
| 39) Benzo(a)pyrene | 24.041 | 252 | 15941 | 0.377 | ng | 98 |
| 40) Dibenzo(a,h)anthracene | 26.819 | 278 | 16047 | 0.365 | ng | 98 |
| 41) Benzo(g,h,i)perylene | 27.608 | 276 | 16586 | 0.367 | ng | 99 |

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

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