Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040121\
Data File : BN014179.D
Acq On : 01 Apr 2021 15:22
Operator : CG/JU
Sample : PB135437BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB135437BS

Quant Time: Apr 01 15:55:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 31 12:15:38 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.692 | 152 | 6563 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.467 | 136 | 23641 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.321 | 164 | 12358 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.067 | 188 | 23445 | 0.40 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.247 | 240 | 24195 | 0.40 | ng | | # 0.00 |
| 36) Perylene-d12 | 23.469 | 264 | 26044 | 0.40 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.284 | 112 | 7840 | 0.47 | ng | | 0.00 |
| 5) Phenol-d6 | 6.863 | 99 | 9833 | 0.46 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.832 | 82 | 7341 | 0.46 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.057 | 152 | 15228 | 0.42 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.818 | 330 | 1681 | 0.42 | ng | | 0.01 |
| 15) 2-Fluorobiphenyl | 12.938 | 172 | 19057 | 0.41 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.096 | 212 | 29007 | 0.47 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.702 | 244 | 21983 | 0.39 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.231 | 88 | 3584 | 0.42 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.561 | 42 | 2510 | 0.39 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 7.120 | 93 | 7262 | 0.43 | ng | | 99 |
| 9) Naphthalene | 10.517 | 128 | 24832 | 0.43 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.809 | 225 | 4657 | 0.44 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.133 | 142 | 16226 | 0.42 | ng | | 98 |
| 16) Acenaphthylene | 14.042 | 152 | 21206 | 0.45 | ng | | 100 |
| 17) Acenaphthene | 14.384 | 154 | 13811 | 0.40 | ng | | 98 |
| 18) Fluorene | 15.374 | 166 | 17317 | 0.42 | ng | | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.450 | 198 | 153 | 0.05 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.264 | 248 | 5207 | 0.43 | ng | | 96 |
| 22) Hexachlorobenzene | 16.373 | 284 | 5563 | 0.41 | ng | | 99 |
| 23) Atrazine | 16.531 | 200 | 3911 | 0.47 | ng | | 98 |
| 24) Pentachlorophenol | 16.726 | 266 | 1165 | 0.28 | ng | | 97 |
| 25) Phenanthrene | 17.103 | 178 | 26227 | 0.42 | ng | | 100 |
| 26) Anthracene | 17.189 | 178 | 24119 | 0.46 | ng | | 99 |
| 28) Fluoranthene | 19.126 | 202 | 30716 | 0.47 | ng | | 100 |
| 30) Pyrene | 19.493 | 202 | 32552 | 0.41 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.236 | 228 | 32906 | 0.49 | ng | | 96 |
| 33) Chrysene | 21.290 | 228 | 32367 | 0.44 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.173 | 149 | 17957 | 0.88 | ng | | 99 |
| 35) Indeno(1,2,3-cd)pyrene | 25.694 | 276 | 40665 | 0.53 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 22.802 | 252 | 35593 | 0.39 | ng | # | 93 |
| 38) Benzo(k)fluoranthene | 22.846 | 252 | 34223 | 0.38 | ng | # | 93 |
| 39) Benzo(a)pyrene | 23.370 | 252 | 33295 | 0.42 | ng | # | 91 |
| 40) Dibenzo(a,h)anthracene | 25.711 | 278 | 34135 | 0.42 | ng | # | 96 |
| 41) Benzo(g,h,i)perylene | 26.379 | 276 | 35433 | 0.41 | ng | | 96 |

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

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