Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
Data File : BP009469.D
Acq On : 21 Mar 2022 14:23
Operator : CG/JU
Sample : N1983-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 21 15:05:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 18:26:53 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
124035

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/22/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.793 | 152 | 386516 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.587 | 136 | 1569383 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.434 | 164 | 995515 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.198 | 188 | 2005345 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.310 | 240 | 2030005 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.710 | 264 | 2192694 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.399 | 112 | 2799110 | 126.439 | ng | 0.00 |
| 7) Phenol-d6 | 6.981 | 99 | 3592111 | 119.983 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 8.952 | 82 | 2225788 | 75.367 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.934 | 330 | 1551987 | 94.474 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.057 | 172 | 4712690 | 65.626 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.775 | 244 | 7388741 | 65.330 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 31) Naphthalene | 10.634 | 128 | 855576 | 10.584 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.251 | 142 | 1510358 | 26.629 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.469 | 142 | 1063481 | 19.247 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.269 | 154 | 640137 | 8.620 | ng | 98 |
| 52) Acenaphthene | 14.504 | 154 | 3403788 | 63.128 | ng | 100 |
| 55) Dibenzofuran | 14.839 | 168 | 4098525 | 45.246 | ng | 99 |
| 58) Fluorene | 15.492 | 166 | 4526348 | 63.536 | ng | 98 |
| 71) Phenanthrene | 17.245 | 178 | 15764744m | 146.858 | ng | |
| 72) Anthracene | 17.333 | 178 | 2630023 | 24.815 | ng | 99 |
| 73) Carbazole | 17.610 | 167 | 1193567 | 11.515 | ng | 100 |
| 75) Fluoranthene | 19.222 | 202 | 9784390 | 75.288 | ng | 98 |
| 78) Pyrene | 19.575 | 202 | 6602137 | 49.355 | ng | 99 |
| 81) Benzo(a)anthracene | 21.292 | 228 | 1686265 | 12.644 | ng | 98 |
| 83) Chrysene | 21.345 | 228 | 1507042 | 11.933 | ng | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.227 | 149 | 407978 | 5.148 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 26.204 | 276 | 347646 | 2.090 | ng | 94 |
| 88) Benzo(b)fluoranthene | 22.980 | 252 | 1118199 | 8.543 | ng | 98 |
| 89) Benzo(k)fluoranthene | 23.021 | 252 | 371722m | 2.900 | ng | |
| 90) Benzo(a)pyrene | 23.604 | 252 | 624334 | 5.575 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 26.974 | 276 | 329286 | 2.414 | ng | 97 |

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

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