Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071723\
Data File : BM040922.D
Acq On : 17 Jul 2023 14:40
Operator : MA/JU
Sample : PB153870BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS870

Quant Time: Jul 18 02:46:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 15 03:58:02 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.857 | 152 | 3634 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.658 | 136 | 11955 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.504 | 164 | 4908 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.261 | 188 | 7915 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.454 | 240 | 5244 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.833 | 264 | 5535 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.280 | 96 | 3671 | 0.643 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.253 | 152 | 4707 | 0.281 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.292 | 212 | 5368 | 0.319 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.313 | 88 | 9500 | 1.635 | ng/ul | 89 |
| 5) Naphthalene | 10.708 | 128 | 9989 | 0.303 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.330 | 142 | 5327 | 0.275 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.544 | 142 | 5433 | 0.281 | ng/ul | 99 |
| 10) Acenaphthylene | 14.226 | 152 | 6059 | 0.276 | ng/ul | 98 |
| 11) Acenaphthene | 14.564 | 153 | 5342 | 0.289 | ng/ul | 97 |
| 12) Fluorene | 15.559 | 166 | 5209 | 0.264 | ng/ul | 97 |
| 14) Pentachlorophenol | 16.919 | 266 | 1015 | 0.666 | ng/ul | 91 |
| 15) Phenanthrene | 17.299 | 178 | 7135 | 0.290 | ng/ul | 98 |
| 16) Anthracene | 17.396 | 178 | 5639 | 0.273 | ng/ul | 96 |
| 19) Fluoranthene | 19.320 | 202 | 6898 | 0.310 | ng/ul | 100 |
| 20) Pyrene | 19.687 | 202 | 7383 | 0.309 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.436 | 228 | 5131 | 0.289 | ng/ul | 98 |
| 22) Chrysene | 21.489 | 228 | 6075 | 0.300 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.108 | 252 | 6568 | 0.307 | ng/ul | 93 |
| 25) Benzo(k)fluoranthene | 23.155 | 252 | 6413 | 0.304 | ng/ul# | 89 |
| 26) Benzo(a)pyrene | 23.728 | 252 | 5786 | 0.300 | ng/ul# | 85 |
| 27) Indeno(1,2,3-cd)pyrene | 26.293 | 276 | 8619 | 0.321 | ng/ul | 95 |
| 28) Dibenzo(a,h)anthracene | 26.307 | 278 | 6864 | 0.326 | ng/ul | 95 |
| 29) Benzo(g,h,i)perylene | 27.045 | 276 | 7709 | 0.327 | ng/ul | 98 |

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

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