Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102521\
Data File : BM032706.D
Acq On : 25 Oct 2021 22:49
Operator : CG/JU
Sample : PB140193BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SLCS193

Quant Time: Oct 26 01:42:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 10:44:54 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.546 | 152 | 4242 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.326 | 136 | 14961 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.198 | 164 | 7686 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.932 | 188 | 13970 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.109 | 240 | 9045 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.240 | 264 | 8080 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.917 | 96 | 3127 | 0.658 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.922 | 152 | 6022 | 0.302 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.958 | 212 | 9683 | 0.340 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.951 | 88 | 8900 | 1.699 | ng/ul# | 80 |
| 5) Naphthalene | 10.375 | 128 | 13386 | 0.295 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 11.994 | 142 | 8487 | 0.286 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.219 | 142 | 8158 | 0.278 | ng/ul | 99 |
| 10) Acenaphthylene | 13.915 | 152 | 9051 | 0.276 | ng/ul | 100 |
| 11) Acenaphthene | 14.259 | 153 | 9008 | 0.301 | ng/ul | 99 |
| 12) Fluorene | 15.248 | 166 | 9691 | 0.287 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.606 | 266 | 2100 | 0.584 | ng/ul | 99 |
| 15) Phenanthrene | 16.974 | 178 | 13982 | 0.298 | ng/ul | 100 |
| 16) Anthracene | 17.064 | 178 | 11263 | 0.273 | ng/ul | 99 |
| 19) Fluoranthene | 18.989 | 202 | 14496 | 0.324 | ng/ul | 99 |
| 20) Pyrene | 19.351 | 202 | 14623 | 0.318 | ng/ul | 100 |
| 21) Benzo(a)anthracene | 21.094 | 228 | 10132 | 0.287 | ng/ul | 99 |
| 22) Chrysene | 21.145 | 228 | 12168 | 0.313 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 22.607 | 252 | 11667 | 0.313 | ng/ul | 88 |
| 25) Benzo(k)fluoranthene | 22.648 | 252 | 12947 | 0.348 | ng/ul# | 88 |
| 26) Benzo(a)pyrene | 23.150 | 252 | 9676 | 0.309 | ng/ul# | 82 |
| 27) Indeno(1,2,3-cd)pyrene | 25.340 | 276 | 12985 | 0.339 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 25.347 | 278 | 10237 | 0.339 | ng/ul# | 92 |
| 29) Benzo(g,h,i)perylene | 25.982 | 276 | 12033 | 0.361 | ng/ul | 99 |

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

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