Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035594.D
Acq On : 22 Jun 2022 04:51
Operator : CG/JU
Sample : PB145592BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS592

Quant Time: Jun 22 05:38:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.875 | 152 | 3817 | 0.400 | ng/ul | 0.02 |
| 4) Naphthalene-d8 | 10.644 | 136 | 14875 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.469 | 164 | 7921 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.225 | 188 | 15526 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.403 | 240 | 13258 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.748 | 264 | 12919 | 0.400 | ng/ul | -0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.268 | 96 | 4515 | 0.841 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.244 | 152 | 8153 | 0.369 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.247 | 212 | 16631 | 0.373 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.302 | 88 | 11521 | 2.155 | ng/ul# | 56 |
| 5) Naphthalene | 10.694 | 128 | 15439 | 0.306 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.321 | 142 | 9164 | 0.318 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.519 | 142 | 9565 | 0.362 | ng/ul | 99 |
| 10) Acenaphthylene | 14.196 | 152 | 14855 | 0.333 | ng/ul | 100 |
| 11) Acenaphthene | 14.529 | 153 | 11040 | 0.334 | ng/ul | 99 |
| 12) Fluorene | 15.533 | 166 | 12040 | 0.322 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.916 | 266 | 1920 | 0.645 | ng/ul | 100 |
| 15) Phenanthrene | 17.267 | 178 | 18277 | 0.321 | ng/ul | 99 |
| 16) Anthracene | 17.372 | 178 | 15754 | 0.316 | ng/ul | 99 |
| 19) Fluoranthene | 19.275 | 202 | 22245 | 0.328 | ng/ul | 97 |
| 20) Pyrene | 19.638 | 202 | 23825 | 0.335 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.392 | 228 | 16839 | 0.336 | ng/ul | 100 |
| 22) Chrysene | 21.439 | 228 | 20552 | 0.345 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.034 | 252 | 19357 | 0.342 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.081 | 252 | 19689 | 0.335 | ng/ul | 99 |
| 26) Benzo(a)pyrene | 23.648 | 252 | 20206 | 0.345 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 26.185 | 276 | 24224 | 0.359 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.192 | 278 | 19814 | 0.359 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 26.920 | 276 | 21803 | 0.360 | ng/ul | 99 |

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

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