Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM042019.D
Acq On : 23 Sep 2023 11:13
Operator : MA/JU
Sample : PB155517BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS517

Quant Time: Sep 25 01:04:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.954 | 152 | 5691 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.763 | 136 | 13058 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.597 | 164 | 5662 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.350 | 188 | 10680 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.521 | 240 | 4717 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.927 | 264 | 4922 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.372 | 96 | 5967 | 0.769 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.346 | 152 | 6854 | 0.419 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.371 | 212 | 8705 | 0.448 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.406 | 88 | 14355 | 1.759 | ng/ul# | 87 |
| 5) Naphthalene | 10.818 | 128 | 16311 | 0.373 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.423 | 142 | 9560 | 0.367 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.643 | 142 | 10176 | 0.384 | ng/ul | 100 |
| 10) Acenaphthylene | 14.324 | 152 | 13875 | 0.366 | ng/ul | 100 |
| 11) Acenaphthene | 14.661 | 153 | 10736 | 0.369 | ng/ul | 99 |
| 12) Fluorene | 15.647 | 166 | 11822 | 0.361 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.978 | 266 | 3842 | 0.680 | ng/ul | 99 |
| 15) Phenanthrene | 17.392 | 178 | 18088 | 0.365 | ng/ul | 99 |
| 16) Anthracene | 17.485 | 178 | 15990 | 0.374 | ng/ul | 100 |
| 19) Fluoranthene | 19.399 | 202 | 19606 | 0.368 | ng/ul | 97 |
| 20) Pyrene | 19.766 | 202 | 20175 | 0.385 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.504 | 228 | 13639 | 0.381 | ng/ul | 99 |
| 22) Chrysene | 21.559 | 228 | 14080 | 0.381 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.187 | 252 | 14202 | 0.375 | ng/ul | 97 |
| 25) Benzo(k)fluoranthene | 23.237 | 252 | 13998 | 0.380 | ng/ul | 97 |
| 26) Benzo(a)pyrene | 23.822 | 252 | 12053 | 0.387 | ng/ul | 96 |
| 27) Indeno(1,2,3-cd)pyrene | 26.424 | 276 | 16821 | 0.393 | ng/ul | 99 |
| 28) Dibenzo(a,h)anthracene | 26.441 | 278 | 12000 | 0.388 | ng/ul | 98 |
| 29) Benzo(g,h,i)perylene | 27.199 | 276 | 14448 | 0.402 | ng/ul | 98 |

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

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