Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091123\
Data File : BM041791.D
Acq On : 11 Sep 2023 22:39
Operator : MA/JU
Sample : PB155221BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS221

Quant Time: Sep 12 04:28:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 09 23:26:58 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.979 | 152 | 4484 | 0.400 | ng/ul | -0.01 |
| 4) Naphthalene-d8 | 10.796 | 136 | 10044 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.624 | 164 | 3937 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.375 | 188 | 7411 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.545 | 240 | 2913 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.965 | 264 | 3101 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.389 | 96 | 4450 | 0.649 | ng/ul | -0.01 |
| 6) 2-Methylnaphthalene-d10 | 12.374 | 152 | 4793 | 0.371 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.394 | 212 | 5335 | 0.378 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.427 | 88 | 10734 | 1.508 | ng/ul | 91 |
| 5) Naphthalene | 10.845 | 128 | 10991 | 0.333 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.451 | 142 | 6175 | 0.330 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.671 | 142 | 6539 | 0.348 | ng/ul | 99 |
| 10) Acenaphthylene | 14.352 | 152 | 7988 | 0.328 | ng/ul | 99 |
| 11) Acenaphthene | 14.685 | 153 | 6463 | 0.342 | ng/ul | 99 |
| 12) Fluorene | 15.670 | 166 | 7100 | 0.335 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.999 | 266 | 2120 | 0.715 | ng/ul | 99 |
| 15) Phenanthrene | 17.417 | 178 | 10976 | 0.351 | ng/ul | 99 |
| 16) Anthracene | 17.506 | 178 | 9280 | 0.346 | ng/ul | 99 |
| 19) Fluoranthene | 19.427 | 202 | 11520 | 0.335 | ng/ul | 99 |
| 20) Pyrene | 19.789 | 202 | 11682 | 0.342 | ng/ul | 95 |
| 21) Benzo(a)anthracene | 21.527 | 228 | 7944 | 0.334 | ng/ul | 100 |
| 22) Chrysene | 21.583 | 228 | 8710 | 0.340 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.217 | 252 | 9208 | 0.332 | ng/ul | 95 |
| 25) Benzo(k)fluoranthene | 23.266 | 252 | 8550 | 0.315 | ng/ul | 95 |
| 26) Benzo(a)pyrene | 23.851 | 252 | 7434 | 0.330 | ng/ul# | 92 |
| 27) Indeno(1,2,3-cd)pyrene | 26.471 | 276 | 10754 | 0.348 | ng/ul# | 92 |
| 28) Dibenzo(a,h)anthracene | 26.488 | 278 | 7680 | 0.354 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 27.250 | 276 | 9508 | 0.347 | ng/ul | 97 |

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

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