Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039789.D
Acq On : 01 May 2023 22:14
Operator : CG/JU
Sample : 02418-28DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
EW902DL

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/02/2023
Supervised By :Jagrut Upadhyay 05/02/2023

Quant Time: May 02 01:27:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.796 | 152 | 3716 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.595 | 136 | 13854 | 0.400 | ng/ul | -0.01 |
| 9) Acenaphthene-d10 | 14.451 | 164 | 8079 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.204 | 188 | 17395 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.405 | 240 | 7400 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.758 | 264 | 11026 | 0.400 | ng/ul | # 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.189 | 96 | 2466 | 0.450 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.195 | 152 | 946 | 0.053 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.239 | 212 | 1750 | 0.088 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.645 | 128 | 14704 | 0.423 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.272 | 142 | 6921 | 0.345 | ng/ul | 97 |
| 8) 1-Methylnaphthalene | 12.487 | 142 | 7323 | 0.340 | ng/ul | 100 |
| 10) Acenaphthylene | 14.173 | 152 | 125550 | 4.015 | ng/ul | 98 |
| 11) Acenaphthene | 14.511 | 153 | 32845 | 1.337 | ng/ul | 98 |
| 12) Fluorene | 15.505 | 166 | 50117 | 1.839 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.879 | 266 | 134 | 0.035 | ng/ul | 95 |
| 15) Phenanthrene | 17.246 | 178 | 1029419 | 22.463 | ng/ul | 98 |
| 16) Anthracene | 17.339 | 178 | 286918 | 7.291 | ng/ul | 97 |
| 19) Fluoranthene | 19.276 | 202 | 3612277 | 136.827 | ng/ul | 98 |
| 20) Pyrene | 19.638 | 202 | 2923772 | 102.554 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.388 | 228 | 1466844 | 68.943 | ng/ul | 98 |
| 22) Chrysene | 21.443 | 228 | 1477758 | 61.375 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.048 | 252 | 2084475 | 53.831 | ng/ul | 92 |
| 25) Benzo(k)fluoranthene | 23.089 | 252 | 618159m | 15.678 | ng/ul | |
| 26) Benzo(a)pyrene | 23.659 | 252 | 1264903 | 36.383 | ng/ul# | 84 |
| 27) Indeno(1,2,3-cd)pyrene | 26.204 | 276 | 1013639 | 23.058 | ng/ul# | 92 |
| 28) Dibenzo(a,h)anthracene | 26.208 | 278 | 250744 | 7.349 | ng/ul | 95 |
| 29) Benzo(g,h,i)perylene | 26.955 | 276 | 863818 | 22.551 | ng/ul | 97 |

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

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