Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072221\
Data File : BM031052.D
Acq On : 21 Jul 2021 21:00
Operator : CG/JU
Sample : SSTD0.810
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.8011

Quant Time: Jul 22 01:41:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 01:40:36 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.639 | 152 | 891 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.406 | 136 | 3359 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.265 | 164 | 2237 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.013 | 188 | 4961 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.198 | 240 | 4818 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.375 | 264 | 4451 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.217 | 96 | 739 | 0.807 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.993 | 152 | 4792 | 0.820 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.043 | 212 | 11888 | 0.733 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.251 | 88 | 801 | 0.784 | ng/ul | 92 |
| 5) Naphthalene | 10.451 | 128 | 8136 | 0.812 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.070 | 142 | 5816 | 0.821 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.290 | 142 | 5730 | 0.828 | ng/ul | 100 |
| 10) Acenaphthylene | 13.986 | 152 | 7259 | 0.662 | ng/ul | 97 |
| 11) Acenaphthene | 14.330 | 153 | 6448 | 0.815 | ng/ul | 97 |
| 12) Fluorene | 15.319 | 166 | 7659 | 0.814 | ng/ul | 100 |
| 14) Pentachlorophenol | 16.662 | 266 | 1339 | 0.764 | ng/ul | 99 |
| 15) Phenanthrene | 17.055 | 178 | 12701 | 0.816 | ng/ul | 99 |
| 16) Anthracene | 17.145 | 178 | 11919 | 0.799 | ng/ul | 97 |
| 19) Fluoranthene | 19.073 | 202 | 15491 | 0.730 | ng/ul | 99 |
| 20) Pyrene | 19.436 | 202 | 15616 | 0.727 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.183 | 228 | 15305 | 0.735 | ng/ul | 100 |
| 22) Chrysene | 21.234 | 228 | 16455 | 0.765 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.723 | 252 | 17077 | 0.793 | ng/ul | 95 |
| 25) Benzo(k)fluoranthene | 22.767 | 252 | 17364 | 0.802 | ng/ul | 94 |
| 26) Benzo(a)pyrene | 23.278 | 252 | 14665 | 0.784 | ng/ul | 93 |
| 27) Indeno(1,2,3-cd)pyrene | 25.531 | 276 | 19430 | 0.766 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 25.548 | 278 | 15592 | 0.760 | ng/ul | 96 |
| 29) Benzo(g,h,i)perylene | 26.190 | 276 | 16485 | 0.766 | ng/ul | 99 |

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

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