Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040522\
Data File : BM034510.D
Acq On : 05 Apr 2022 19:47
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4070

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 04/06/2022
Supervised By :Yogesh Patel 04/09/2022

Quant Time: Apr 06 01:46:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 05 11:50:53 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.933 | 152 | 2480 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.735 | 136 | 7866 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.560 | 164 | 3915 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.312 | 188 | 5212 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.489 | 240 | 4860 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.892 | 264 | 4237 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.296 | 96 | 1960 | 0.472 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.335 | 152 | 3993 | 0.387 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.334 | 212 | 5749 | 0.403 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.330 | 88 | 1875 | 0.453 | ng/ul# | 68 |
| 5) Naphthalene | 10.785 | 128 | 8946 | 0.364 | ng/ul# | 90 |
| 7) 2-Methylnaphthalene | 12.407 | 142 | 5278 | 0.393 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.616 | 142 | 5392 | 0.399 | ng/ul | 99 |
| 10) Acenaphthylene | 14.282 | 152 | 7424 | 0.410 | ng/ul# | 91 |
| 11) Acenaphthene | 14.624 | 153 | 5966 | 0.407 | ng/ul | 94 |
| 12) Fluorene | 15.614 | 166 | 5682 | 0.376 | ng/ul | 97 |
| 14) Pentachlorophenol | 16.974 | 266 | 844 | 0.382 | ng/ul | 97 |
| 15) Phenanthrene | 17.354 | 178 | 7068 | 0.418 | ng/ul | 99 |
| 16) Anthracene | 17.455 | 178 | 5056 | 0.393 | ng/ul | 98 |
| 19) Fluoranthene | 19.362 | 202 | 8220 | 0.403 | ng/ul# | 95 |
| 20) Pyrene | 19.724 | 202 | 9928 | 0.416 | ng/ul# | 94 |
| 21) Benzo(a)anthracene | 21.474 | 228 | 3816m | 0.361 | ng/ul | |
| 22) Chrysene | 21.524 | 228 | 4966 | 0.397 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.155 | 252 | 5599m | 0.404 | ng/ul | |
| 25) Benzo(k)fluoranthene | 23.202 | 252 | 4901 | 0.396 | ng/ul# | 87 |
| 26) Benzo(a)pyrene | 23.787 | 252 | 6265 | 0.387 | ng/ul# | 63 |
| 27) Indeno(1,2,3-cd)pyrene | 26.404 | 276 | 8162 | 0.419 | ng/ul# | 81 |
| 28) Dibenzo(a,h)anthracene | 26.431 | 278 | 5994 | 0.423 | ng/ul# | 74 |
| 29) Benzo(g,h,i)perylene | 27.152 | 276 | 8708 | 0.413 | ng/ul# | 96 |

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

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