Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
Data File : BM036866.D
Acq On : 07 Oct 2022 20:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4134

Quant Time: Oct 08 02:50:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 06 17:02:30 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.968 | 152 | 5929 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.770 | 136 | 20185 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.590 | 164 | 10918 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.327 | 188 | 22474 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.496 | 240 | 19440 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.899 | 264 | 16560 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.356 | 96 | 3192 | 0.382 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.360 | 152 | 11983 | 0.393 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.346 | 212 | 23176 | 0.399 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.390 | 88 | 3218 | 0.394 | ng/ul# | 85 |
| 5) Naphthalene | 10.825 | 128 | 22915 | 0.397 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.431 | 142 | 14128 | 0.400 | ng/ul | 92 |
| 8) 1-Methylnaphthalene | 12.646 | 142 | 14341 | 0.400 | ng/ul | 99 |
| 10) Acenaphthylene | 14.312 | 152 | 17756 | 0.391 | ng/ul | 99 |
| 11) Acenaphthene | 14.654 | 153 | 15798 | 0.401 | ng/ul | 99 |
| 12) Fluorene | 15.635 | 166 | 17718 | 0.397 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.981 | 266 | 2040 | 0.375 | ng/ul | 97 |
| 15) Phenanthrene | 17.369 | 178 | 28703 | 0.400 | ng/ul | 99 |
| 16) Anthracene | 17.462 | 178 | 23609 | 0.394 | ng/ul | 98 |
| 19) Fluoranthene | 19.378 | 202 | 30796 | 0.398 | ng/ul | 99 |
| 20) Pyrene | 19.736 | 202 | 31657 | 0.393 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.478 | 228 | 27369 | 0.390 | ng/ul | 99 |
| 22) Chrysene | 21.531 | 228 | 29992 | 0.398 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.162 | 252 | 30453 | 0.412 | ng/ul | 94 |
| 25) Benzo(k)fluoranthene | 23.212 | 252 | 28633 | 0.397 | ng/ul | 92 |
| 26) Benzo(a)pyrene | 23.790 | 252 | 24932 | 0.415 | ng/ul# | 90 |
| 27) Indeno(1,2,3-cd)pyrene | 26.392 | 276 | 33448 | 0.393 | ng/ul# | 96 |
| 28) Dibenzo(a,h)anthracene | 26.409 | 278 | 26575 | 0.387 | ng/ul# | 90 |
| 29) Benzo(g,h,i)perylene | 27.160 | 276 | 28022 | 0.374 | ng/ul | 98 |

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

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