Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038052.D
Acq On : 16 Dec 2022 04:11
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4189

Quant Time: Dec 16 05:30:08 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:53:17 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.059 | 152 | 4321 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.873 | 136 | 12420 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.680 | 164 | 6340 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.417 | 188 | 13407 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.583 | 240 | 9691 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.041 | 264 | 10177 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.410 | 96 | 2200 | 0.373 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.451 | 152 | 7022 | 0.387 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.436 | 212 | 13589 | 0.387 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.448 | 88 | 2026 | 0.380 | ng/ul# | 80 |
| 5) Naphthalene | 10.922 | 128 | 14861 | 0.395 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.522 | 142 | 9003 | 0.389 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.742 | 142 | 9245 | 0.391 | ng/ul | 100 |
| 10) Acenaphthylene | 14.407 | 152 | 13183 | 0.397 | ng/ul | 99 |
| 11) Acenaphthene | 14.745 | 153 | 10077 | 0.400 | ng/ul | 99 |
| 12) Fluorene | 15.725 | 166 | 11114 | 0.398 | ng/ul | 100 |
| 14) Pentachlorophenol | 17.071 | 266 | 2106 | 0.379 | ng/ul | 99 |
| 15) Phenanthrene | 17.459 | 178 | 17598 | 0.390 | ng/ul | 100 |
| 16) Anthracene | 17.552 | 178 | 16183 | 0.388 | ng/ul | 99 |
| 19) Fluoranthene | 19.468 | 202 | 19174 | 0.383 | ng/ul | 98 |
| 20) Pyrene | 19.826 | 202 | 19672 | 0.385 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.568 | 228 | 16852 | 0.402 | ng/ul | 99 |
| 22) Chrysene | 21.621 | 228 | 17328 | 0.410 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.284 | 252 | 18338 | 0.380 | ng/ul | 97 |
| 25) Benzo(k)fluoranthene | 23.333 | 252 | 17602 | 0.378 | ng/ul | 97 |
| 26) Benzo(a)pyrene | 23.930 | 252 | 15747 | 0.387 | ng/ul | 97 |
| 27) Indeno(1,2,3-cd)pyrene | 26.605 | 276 | 20638 | 0.404 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 26.619 | 278 | 16303 | 0.410 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 27.397 | 276 | 17476 | 0.403 | ng/ul | 98 |

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

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