Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010323\
Data File : BM038355.D
Acq On : 03 Jan 2023 11:10
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4059

Quant Time: Jan 04 00:42:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM123022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 01:43:54 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.009 | 152 | 1379 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.818 | 136 | 3825 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.638 | 164 | 2073 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.379 | 188 | 4225 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.551 | 240 | 4266 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.980 | 264 | 4910 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.372 | 96 | 811 | 0.395 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.401 | 152 | 2033 | 0.354 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.399 | 212 | 4483 | 0.371 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.410 | 88 | 805 | 0.382 | ng/ul | 97 |
| 5) Naphthalene | 10.867 | 128 | 3702 | 0.363 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.478 | 142 | 2223 | 0.354 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.693 | 142 | 2254 | 0.353 | ng/ul | 98 |
| 10) Acenaphthylene | 14.361 | 152 | 3530 | 0.366 | ng/ul | 100 |
| 11) Acenaphthene | 14.699 | 153 | 2559 | 0.357 | ng/ul | 97 |
| 12) Fluorene | 15.684 | 166 | 2851 | 0.351 | ng/ul | 98 |
| 14) Pentachlorophenol | 17.046 | 266 | 514 | 0.341 | ng/ul | 92 |
| 15) Phenanthrene | 17.422 | 178 | 4340 | 0.348 | ng/ul | 99 |
| 16) Anthracene | 17.515 | 178 | 4055 | 0.353 | ng/ul | 98 |
| 19) Fluoranthene | 19.431 | 202 | 5462 | 0.370 | ng/ul | 100 |
| 20) Pyrene | 19.794 | 202 | 5793 | 0.367 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.533 | 228 | 5130 | 0.361 | ng/ul | 99 |
| 22) Chrysene | 21.589 | 228 | 5395 | 0.360 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.237 | 252 | 6314 | 0.355 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.284 | 252 | 6302 | 0.356 | ng/ul | 99 |
| 26) Benzo(a)pyrene | 23.874 | 252 | 6048 | 0.360 | ng/ul | 99 |
| 27) Indeno(1,2,3-cd)pyrene | 26.522 | 276 | 8750 | 0.356 | ng/ul# | 99 |
| 28) Dibenzo(a,h)anthracene | 26.535 | 278 | 6902 | 0.358 | ng/ul | 98 |
| 29) Benzo(g,h,i)perylene | 27.303 | 276 | 7861 | 0.360 | ng/ul | 98 |

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

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