Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM113022\
Data File : BM037801.D
Acq On : 30 Nov 2022 12:41
Operator : CG/JU
Sample : SSTD1.695
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6005

Quant Time: Nov 30 23:30:11 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM113022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 23:27:43 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.105 | 152 | 4785 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.921 | 136 | 15029 | 0.400 | ng/ul | # 0.00 |
| 9) Acenaphthene-d10 | 14.730 | 164 | 8254 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.463 | 188 | 16636 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.632 | 240 | 12053 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 24.116 | 264 | 11671 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.434 | 96 | 9612 | 1.508 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.499 | 152 | 33722 | 1.555 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.482 | 212 | 62614 | 1.527 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.472 | 88 | 10313 | 1.549 | ng/ul# | 55 |
| 5) Naphthalene | 10.971 | 128 | 70121 | 1.492 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.571 | 142 | 44899 | 1.570 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.791 | 142 | 46014 | 1.569 | ng/ul | 99 |
| 10) Acenaphthylene | 14.452 | 152 | 64417 | 1.557 | ng/ul | 99 |
| 11) Acenaphthene | 14.790 | 153 | 52678 | 1.533 | ng/ul | 99 |
| 12) Fluorene | 15.771 | 166 | 58467 | 1.537 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.113 | 266 | 8322 | 1.522 | ng/ul | 99 |
| 15) Phenanthrene | 17.505 | 178 | 92386 | 1.532 | ng/ul | 100 |
| 16) Anthracene | 17.594 | 178 | 84874 | 1.582 | ng/ul | 98 |
| 19) Fluoranthene | 19.510 | 202 | 101429 | 1.517 | ng/ul# | 86 |
| 20) Pyrene | 19.872 | 202 | 104275 | 1.488 | ng/ul# | 87 |
| 21) Benzo(a)anthracene | 21.614 | 228 | 87440 | 1.495 | ng/ul | 99 |
| 22) Chrysene | 21.670 | 228 | 87617 | 1.486 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.353 | 252 | 92231 | 1.508 | ng/ul | 94 |
| 25) Benzo(k)fluoranthene | 23.403 | 252 | 90882 | 1.543 | ng/ul# | 94 |
| 26) Benzo(a)pyrene | 24.005 | 252 | 78985 | 1.513 | ng/ul# | 93 |
| 27) Indeno(1,2,3-cd)pyrene | 26.712 | 276 | 102151 | 1.497 | ng/ul# | 73 |
| 28) Dibenzo(a,h)anthracene | 26.732 | 278 | 80333 | 1.503 | ng/ul# | 91 |
| 29) Benzo(g,h,i)perylene | 27.517 | 276 | 85621 | 1.496 | ng/ul# | 88 |

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

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