Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121824\
Data File : BM049047.D
Acq On : 18 Dec 2024 13:47
Operator : RC/JU
Sample : SSTD0.833
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.8016

Quant Time: Dec 18 14:33:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 18 14:06:11 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.569 | 152 | 5720 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.326 | 136 | 17005 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.201 | 164 | 9535 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.947 | 188 | 19330 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.146 | 240 | 16809 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.305 | 264 | 18774 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.151 | 96 | 5055 | 0.750 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.926 | 152 | 17527 | 0.793 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.983 | 212 | 36779 | 0.744 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.185 | 88 | 5719 | 0.727 | ng/ul# | 85 |
| 5) Naphthalene | 10.375 | 128 | 32645 | 0.747 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.003 | 142 | 20610 | 0.766 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.223 | 142 | 20967 | 0.767 | ng/ul | 99 |
| 10) Acenaphthylene | 13.914 | 152 | 30259 | 0.749 | ng/ul | 100 |
| 11) Acenaphthene | 14.261 | 153 | 22158 | 0.732 | ng/ul | 99 |
| 12) Fluorene | 15.256 | 166 | 25004 | 0.742 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.605 | 266 | 4030 | 0.934 | ng/ul | 95 |
| 15) Phenanthrene | 16.989 | 178 | 39161 | 0.746 | ng/ul | 99 |
| 16) Anthracene | 17.082 | 178 | 36184 | 0.765 | ng/ul | 99 |
| 19) Fluoranthene | 19.011 | 202 | 47110 | 0.697 | ng/ul | 99 |
| 20) Pyrene | 19.374 | 202 | 49903 | 0.686 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.131 | 228 | 44926 | 0.757 | ng/ul | 99 |
| 22) Chrysene | 21.184 | 228 | 47037 | 0.711 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.665 | 252 | 46253 | 0.717 | ng/ul | 95 |
| 25) Benzo(k)fluoranthene | 22.706 | 252 | 50447 | 0.691 | ng/ul | 94 |
| 26) Benzo(a)pyrene | 23.212 | 252 | 44454 | 0.739 | ng/ul# | 93 |
| 27) Indeno(1,2,3-cd)pyrene | 25.447 | 276 | 63060 | 0.759 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 25.463 | 278 | 49255 | 0.759 | ng/ul | 97 |
| 29) Benzo(g,h,i)perylene | 26.097 | 276 | 50423 | 0.746 | ng/ul | 98 |

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

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