Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032040.D
Acq On : 03 Sep 2021 14:33
Operator : CG/JU
Sample : SSTD0.825
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTD0.8025

Quant Time: Sep 03 15:49:40 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 03 14:29:24 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.459 | 152 | 1158 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.212 | 136 | 3946 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.102 | 164 | 2494 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 16.862 | 188 | 4812 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.069 | 240 | 3673 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.192 | 264 | 3445 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.068 | 96 | 1037 | 0.806 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.813 | 152 | 4903 | 0.737 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 18.900 | 212 | 8433 | 0.688 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.099 | 88 | 994 | 0.765 | ng/ul# | 89 |
| 5) Naphthalene | 10.266 | 128 | 8217 | 0.699 | ng/ul | 96 |
| 7) 2-Methylnaphthalene | 11.894 | 142 | 5841 | 0.727 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.110 | 142 | 5736 | 0.723 | ng/ul | 99 |
| 10) Acenaphthylene | 13.824 | 152 | 7882 | 0.742 | ng/ul | 99 |
| 11) Acenaphthene | 14.167 | 153 | 6302 | 0.705 | ng/ul | 99 |
| 12) Fluorene | 15.164 | 166 | 7300 | 0.710 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.532 | 266 | 979 | 0.635 | ng/ul | 93 |
| 15) Phenanthrene | 16.904 | 178 | 11106 | 0.727 | ng/ul | 97 |
| 16) Anthracene | 17.001 | 178 | 10065 | 0.704 | ng/ul | 97 |
| 19) Fluoranthene | 18.930 | 202 | 12132 | 0.774 | ng/ul | 98 |
| 20) Pyrene | 19.296 | 202 | 12109 | 0.761 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.057 | 228 | 9973 | 0.672 | ng/ul | 97 |
| 22) Chrysene | 21.107 | 228 | 11340 | 0.739 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 22.562 | 252 | 12091 | 0.779 | ng/ul | 91 |
| 25) Benzo(k)fluoranthene | 22.604 | 252 | 12021 | 0.750 | ng/ul# | 89 |
| 26) Benzo(a)pyrene | 23.100 | 252 | 10475 | 0.771 | ng/ul# | 87 |
| 27) Indeno(1,2,3-cd)pyrene | 25.264 | 276 | 14844 | 0.845 | ng/ul# | 97 |
| 28) Dibenzo(a,h)anthracene | 25.276 | 278 | 12041 | 0.850 | ng/ul | 90 |
| 29) Benzo(g,h,i)perylene | 25.896 | 276 | 13186 | 0.880 | ng/ul | 98 |

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

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