Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110921\
Data File : BN017344.D
Acq On : 09 Nov 2021 11:39
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.8

Quant Time: Nov 09 12:08:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 09 11:50:44 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.552 | 152 | 26800 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.320 | 136 | 111476 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.182 | 164 | 65011 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.934 | 188 | 119967 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.144 | 240 | 116067 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.335 | 264 | 111688 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.164 | 112 | 49360 | 0.760 | ng | | 0.00 |
| 5) Phenol-d6 | 6.740 | 99 | 54318 | 0.768 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.685 | 82 | 56909 | 0.832 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.911 | 152 | 141417 | 0.899 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.679 | 330 | 17829 | 0.789 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.799 | 172 | 200902 | 0.823 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.975 | 212 | 249748 | 0.818 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.591 | 244 | 212215 | 0.837 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.144 | 88 | 12766 | 0.669 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.476 | 42 | 18789 | 0.745 | ng | | 98 |
| 6) bis(2-Chloroethyl)ether | 6.989 | 93 | 58684 | 0.804 | ng | | 99 |
| 9) Naphthalene | 10.358 | 128 | 236037 | 0.786 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.649 | 225 | 45849 | 0.839 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.987 | 142 | 167665 | 0.907 | ng | | 99 |
| 16) Acenaphthylene | 13.902 | 152 | 220353 | 0.825 | ng | | 100 |
| 17) Acenaphthene | 14.245 | 154 | 147592 | 0.825 | ng | | 99 |
| 18) Fluorene | 15.235 | 166 | 178478 | 0.843 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.336 | 198 | 7146 | 0.565 | ng | | 96 |
| 21) 4-Bromophenyl-phenylether | 16.131 | 248 | 55064 | 0.819 | ng | | 98 |
| 22) Hexachlorobenzene | 16.240 | 284 | 61192 | 0.848 | ng | | 100 |
| 23) Atrazine | 16.423 | 200 | 35635 | 0.782 | ng | | 99 |
| 24) Pentachlorophenol | 16.593 | 266 | 17780 | 0.782 | ng | | 99 |
| 25) Phenanthrene | 16.970 | 178 | 283173 | 0.842 | ng | | 100 |
| 26) Anthracene | 17.068 | 178 | 237507 | 0.820 | ng | | 100 |
| 28) Fluoranthene | 19.005 | 202 | 314021 | 0.852 | ng | | 100 |
| 30) Pyrene | 19.367 | 202 | 308374 | 0.831 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.123 | 228 | 281072 | 0.780 | ng | | 100 |
| 33) Chrysene | 21.176 | 228 | 296808 | 0.807 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.080 | 149 | 92311 | 0.532 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.543 | 276 | 319962 | 0.812 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 22.678 | 252 | 299054 | 0.832 | ng | | 100 |
| 38) Benzo(k)fluoranthene | 22.719 | 252 | 303487 | 0.851 | ng | | 99 |
| 39) Benzo(a)pyrene | 23.240 | 252 | 262671 | 0.810 | ng | | 99 |
| 40) Dibenzo(a,h)anthracene | 25.564 | 278 | 259478 | 0.816 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 26.218 | 276 | 270916 | 0.784 | ng | | 99 |

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

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