Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
Data File : BN025474.D
Acq On : 18 May 2023 13:59
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Quant Time: May 18 17:47:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 15:44:09 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.077 | 152 | 6139 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.899 | 136 | 17372 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.705 | 164 | 11159 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.447 | 188 | 24224 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.638 | 240 | 20986 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 24.157 | 264 | 18710 | 0.400 | ng | | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.614 | 112 | 23963 | 1.729 | ng | | 0.00 |
| 5) Phenol-d6 | 7.218 | 99 | 31493 | 1.771 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.244 | 82 | 24765 | 1.786 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.479 | 152 | 43980 | 1.821 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.194 | 330 | 7906 | 1.817 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.336 | 172 | 74826 | 1.753 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.473 | 212 | 99851 | 1.785 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.062 | 244 | 69440 | 1.862 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.455 | 88 | 10607 | 1.694 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.780 | 42 | 12951 | 1.877 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.492 | 93 | 30285 | 1.751 | ng | | 99 |
| 9) Naphthalene | 10.953 | 128 | 79125 | 1.790 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.241 | 225 | 14867 | 1.772 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.551 | 142 | 58423 | 1.828 | ng | | 100 |
| 16) Acenaphthylene | 14.427 | 152 | 92798 | 1.821 | ng | | 100 |
| 17) Acenaphthene | 14.769 | 154 | 60617 | 1.804 | ng | | 98 |
| 18) Fluorene | 15.747 | 166 | 75896 | 1.826 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.821 | 198 | 9558 | 1.898 | ng | # | 59 |
| 21) 4-Bromophenyl-phenylether | 16.641 | 248 | 25575 | 1.794 | ng | | 98 |
| 22) Hexachlorobenzene | 16.752 | 284 | 23620 | 1.773 | ng | | 99 |
| 23) Atrazine | 16.901 | 200 | 20854 | 1.797 | ng | | 98 |
| 24) Pentachlorophenol | 17.100 | 266 | 12493 | 1.860 | ng | | 99 |
| 25) Phenanthrene | 17.485 | 178 | 126383 | 1.781 | ng | | 100 |
| 26) Anthracene | 17.584 | 178 | 121013 | 1.822 | ng | | 100 |
| 28) Fluoranthene | 19.502 | 202 | 146626 | 1.818 | ng | | 100 |
| 30) Pyrene | 19.865 | 202 | 150704 | 1.800 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.620 | 228 | 132921 | 1.749 | ng | | 99 |
| 33) Chrysene | 21.674 | 228 | 134039 | 1.779 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.540 | 149 | 74679 | 1.670 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.811 | 276 | 136082 | 1.797 | ng | | 100 |
| 37) Benzo(b)fluoranthene | 23.388 | 252 | 127640 | 1.838 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.435 | 252 | 128959 | 1.824 | ng | | 98 |
| 39) Benzo(a)pyrene | 24.049 | 252 | 118743 | 1.816 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 26.835 | 278 | 109506 | 1.805 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 27.624 | 276 | 114175 | 1.785 | ng | | 99 |

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

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