Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031324\
Data File : BN030385.D
Acq On : 13 Mar 2024 16:58
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 14 11:20:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 11:09:54 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.789 | 152 | 1367 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.583 | 136 | 3070 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.447 | 164 | 1733 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.206 | 188 | 3835 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.438 | 240 | 3884 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.794 | 264 | 4613 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.363 | 112 | 5811 | 1.633 | ng | | 0.00 |
| 5) Phenol-d6 | 6.959 | 99 | 6102 | 1.759 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.950 | 82 | 4981 | 1.769 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.181 | 152 | 8158 | 1.711 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.952 | 330 | 1687 | 1.670 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.068 | 172 | 12520 | 1.795 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.252 | 212 | 18356 | 1.650 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.865 | 244 | 14461 | 1.639 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.290 | 88 | 3041 | 1.602 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.622 | 42 | 2939 | 1.688 | ng | # | 96 |
| 6) bis(2-Chloroethyl)ether | 7.233 | 93 | 4733 | 1.697 | ng | | 99 |
| 9) Naphthalene | 10.626 | 128 | 13669 | 1.666 | ng | | 95 |
| 10) Hexachlorobutadiene | 10.904 | 225 | 4245 | 1.670 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.257 | 142 | 8969 | 1.696 | ng | | 94 |
| 16) Acenaphthylene | 14.158 | 152 | 13035 | 1.721 | ng | | 99 |
| 17) Acenaphthene | 14.500 | 154 | 8347 | 1.679 | ng | | 99 |
| 18) Fluorene | 15.494 | 166 | 10391 | 1.687 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.592 | 198 | 1336 | 1.566 | ng | # | 41 |
| 21) 4-Bromophenyl-phenylether | 16.399 | 248 | 3934 | 1.737 | ng | # | 86 |
| 22) Hexachlorobenzene | 16.498 | 284 | 4466 | 1.651 | ng | | 99 |
| 23) Atrazine | 16.684 | 200 | 3413 | 1.675 | ng | | 93 |
| 24) Pentachlorophenol | 16.858 | 266 | 2288 | 1.617 | ng | | 95 |
| 25) Phenanthrene | 17.243 | 178 | 17386 | 1.704 | ng | | 99 |
| 26) Anthracene | 17.342 | 178 | 16083 | 1.721 | ng | | 99 |
| 28) Fluoranthene | 19.285 | 202 | 22998 | 1.671 | ng | | 99 |
| 30) Pyrene | 19.647 | 202 | 23809 | 1.643 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.420 | 228 | 22149 | 1.716 | ng | | 99 |
| 33) Chrysene | 21.474 | 228 | 23549 | 1.654 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.366 | 149 | 10330 | 1.532 | ng | # | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.203 | 276 | 33841 | 1.723 | ng | # | 91 |
| 37) Benzo(b)fluoranthene | 23.075 | 252 | 25427 | 1.690 | ng | # | 86 |
| 38) Benzo(k)fluoranthene | 23.122 | 252 | 26258 | 1.725 | ng | # | 86 |
| 39) Benzo(a)pyrene | 23.683 | 252 | 23731 | 1.699 | ng | # | 80 |
| 40) Dibenzo(a,h)anthracene | 26.232 | 278 | 27298 | 1.755 | ng | # | 86 |
| 41) Benzo(g,h,i)perylene | 26.943 | 276 | 31295 | 1.707 | ng | | 96 |

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

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