Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110724\
Data File : BN034885.D
Acq On : 07 Nov 2024 10:02
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

Quant Time: Nov 07 14:39:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 14:34:20 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.575 | 152 | 5582 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.340 | 136 | 16157 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.208 | 164 | 7091 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.952 | 188 | 14302 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.149 | 240 | 7364 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.318 | 264 | 6365 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.192 | 112 | 1587 | 0.102 | ng | | 0.00 |
| 5) Phenol-d6 | 6.752 | 99 | 2007 | 0.097 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.707 | 82 | 1268 | 0.101 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.935 | 152 | 2127 | 0.097 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.698 | 330 | 148 | 0.101 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.829 | 172 | 3107 | 0.104 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.990 | 212 | 2865 | 0.089 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.603 | 244 | 1450 | 0.105 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.184 | 88 | 786 | 0.111 | ng | | 96 |
| 3) n-Nitrosodimethylamine | 3.487 | 42 | 973 | 0.102 | ng | | 96 |
| 6) bis(2-Chloroethyl)ether | 7.012 | 93 | 1836 | 0.103 | ng | | 99 |
| 9) Naphthalene | 10.383 | 128 | 4482 | 0.100 | ng | | 97 |
| 10) Hexachlorobutadiene | 10.682 | 225 | 738 | 0.103 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.011 | 142 | 2614 | 0.095 | ng | | 98 |
| 16) Acenaphthylene | 13.919 | 152 | 3250 | 0.095 | ng | | 99 |
| 17) Acenaphthene | 14.272 | 154 | 2291 | 0.097 | ng | | 98 |
| 18) Fluorene | 15.255 | 166 | 2861 | 0.097 | ng | | 99 |
| 21) 4-Bromophenyl-phenylether | 16.158 | 248 | 759 | 0.100 | ng | # | 84 |
| 22) Hexachlorobenzene | 16.269 | 284 | 936 | 0.102 | ng | | 98 |
| 23) Atrazine | 16.431 | 200 | 457 | 0.083 | ng | # | 85 |
| 25) Phenanthrene | 16.989 | 178 | 4356 | 0.099 | ng | | 99 |
| 26) Anthracene | 17.088 | 178 | 3451 | 0.091 | ng | | 99 |
| 28) Fluoranthene | 19.018 | 202 | 3977 | 0.086 | ng | | 100 |
| 30) Pyrene | 19.385 | 202 | 4013 | 0.108 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.131 | 228 | 2670 | 0.093 | ng | | 97 |
| 33) Chrysene | 21.185 | 228 | 3005 | 0.099 | ng | | 96 |
| 34) Bis(2-ethylhexyl)phtha... | 21.095 | 149 | 1811 | 0.110 | ng | # | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.473 | 276 | 2880 | 0.102 | ng | | 98 |
| 37) Benzo(b)fluoranthene | 22.672 | 252 | 2681 | 0.096 | ng | # | 62 |
| 38) Benzo(k)fluoranthene | 22.713 | 252 | 2806 | 0.096 | ng | # | 56 |
| 39) Benzo(a)pyrene | 23.222 | 252 | 2082 | 0.094 | ng | # | 50 |
| 40) Dibenzo(a,h)anthracene | 25.491 | 278 | 2210 | 0.101 | ng | # | 84 |
| 41) Benzo(g,h,i)perylene | 26.128 | 276 | 2359 | 0.101 | ng | | 91 |

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

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Misc :
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