Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033479.D
Acq On : 19 Aug 2024 16:16
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Aug 19 23:22:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:20:26 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.559 | 152 | 7803 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.314 | 136 | 20827 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.189 | 164 | 10562 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.942 | 188 | 22120 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.148 | 240 | 15512 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.323 | 264 | 15840 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.190 | 112 | 2489 | 0.113 | ng | | 0.00 |
| 5) Phenol-d6 | 6.743 | 99 | 3034 | 0.106 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.691 | 82 | 1778 | 0.113 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.915 | 152 | 3002 | 0.096 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.688 | 330 | 561 | 0.104 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.809 | 172 | 4295 | 0.100 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.984 | 212 | 5237 | 0.090 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.597 | 244 | 3516 | 0.118 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.190 | 88 | 1020 | 0.121 | ng | # | 89 |
| 3) n-Nitrosodimethylamine | 3.479 | 42 | 1063 | 0.098 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 6.996 | 93 | 2282 | 0.102 | ng | | 99 |
| 9) Naphthalene | 10.368 | 128 | 5632 | 0.100 | ng | | 97 |
| 10) Hexachlorobutadiene | 10.667 | 225 | 1131 | 0.104 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.990 | 142 | 3460 | 0.091 | ng | | 97 |
| 16) Acenaphthylene | 13.900 | 152 | 4294 | 0.088 | ng | | 100 |
| 17) Acenaphthene | 14.253 | 154 | 3128 | 0.094 | ng | | 99 |
| 18) Fluorene | 15.247 | 166 | 4115 | 0.094 | ng | | 97 |
| 20) 4,6-Dinitro-2-methylph... | 15.322 | 198 | 282 | 0.102 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.147 | 248 | 1335 | 0.101 | ng | | 96 |
| 22) Hexachlorobenzene | 16.247 | 284 | 1497 | 0.102 | ng | | 100 |
| 23) Atrazine | 16.420 | 200 | 1042 | 0.099 | ng | | 95 |
| 24) Pentachlorophenol | 16.594 | 266 | 633 | 0.105 | ng | | 94 |
| 25) Phenanthrene | 16.979 | 178 | 6046 | 0.096 | ng | | 99 |
| 26) Anthracene | 17.066 | 178 | 5150 | 0.092 | ng | | 100 |
| 28) Fluoranthene | 19.012 | 202 | 6515 | 0.085 | ng | | 97 |
| 30) Pyrene | 19.374 | 202 | 6809 | 0.109 | ng | | 98 |
| 32) Benzo(a)anthracene | 21.139 | 228 | 5757 | 0.100 | ng | | 98 |
| 33) Chrysene | 21.184 | 228 | 5565 | 0.097 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.103 | 149 | 4678 | 0.170 | ng | | 97 |
| 36) Indeno(1,2,3-cd)pyrene | 25.478 | 276 | 6399 | 0.097 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.680 | 252 | 6036 | 0.102 | ng | # | 69 |
| 38) Benzo(k)fluoranthene | 22.721 | 252 | 5699 | 0.095 | ng | # | 70 |
| 39) Benzo(a)pyrene | 23.230 | 252 | 4861 | 0.097 | ng | # | 66 |
| 40) Dibenzo(a,h)anthracene | 25.498 | 278 | 5079 | 0.098 | ng | # | 85 |
| 41) Benzo(g,h,i)perylene | 26.133 | 276 | 5542 | 0.097 | ng | # | 88 |

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

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