Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111121\
Data File : BN017386.D
Acq On : 10 Nov 2021 18:26
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.2

Quant Time: Nov 11 07:20:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 07:19:53 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.515 | 152 | 22013 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.281 | 136 | 98093 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.156 | 164 | 49921 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.909 | 188 | 92124 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.123 | 240 | 89397 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.315 | 264 | 101095 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.127 | 112 | 10072 | 0.198 | ng | 0.00 |
| 5) Phenol-d6 | 6.703 | 99 | 10444 | 0.187 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.659 | 82 | 12064 | 0.205 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.880 | 152 | 28576 | 0.198 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.666 | 330 | 2662 | 0.143 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.773 | 172 | 40699 | 0.214 | ng | 0.00 |
| 27) Fluoranthene-d10 | 18.955 | 212 | 44248 | 0.188 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.576 | 244 | 38371 | 0.193 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.107 | 88 | 2056 | 0.167 | ng | # 21 |
| 3) n-Nitrosodimethylamine | 3.467 | 42 | 4527 | 0.239 | ng | # 91 |
| 6) bis(2-Chloroethyl)ether | 6.961 | 93 | 12472 | 0.212 | ng | 99 |
| 9) Naphthalene | 10.332 | 128 | 57121 | 0.221 | ng | 100 |
| 10) Hexachlorobutadiene | 10.624 | 225 | 10776 | 0.213 | ng | # 99 |
| 12) 2-Methylnaphthalene | 11.955 | 142 | 34748 | 0.204 | ng | 99 |
| 16) Acenaphthylene | 13.877 | 152 | 39153 | 0.192 | ng | 100 |
| 17) Acenaphthene | 14.219 | 154 | 28816 | 0.206 | ng | 99 |
| 18) Fluorene | 15.209 | 166 | 35340 | 0.211 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.311 | 198 | 1136 | 0.120 | ng | # 75 |
| 21) 4-Bromophenyl-phenylether | 16.118 | 248 | 10793 | 0.209 | ng | # 68 |
| 22) Hexachlorobenzene | 16.216 | 284 | 13252 | 0.229 | ng | 99 |
| 23) Atrazine | 16.398 | 200 | 5416 | 0.155 | ng | 96 |
| 24) Pentachlorophenol | 16.569 | 266 | 1932 | 0.095 | ng | 99 |
| 25) Phenanthrene | 16.946 | 178 | 54561 | 0.207 | ng | 100 |
| 26) Anthracene | 17.043 | 178 | 40050 | 0.182 | ng | 100 |
| 28) Fluoranthene | 18.985 | 202 | 56466 | 0.198 | ng | 100 |
| 30) Pyrene | 19.352 | 202 | 56029 | 0.194 | ng | 100 |
| 32) Benzo(a)anthracene | 21.112 | 228 | 49449 | 0.182 | ng | 99 |
| 33) Chrysene | 21.165 | 228 | 62185 | 0.215 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.070 | 149 | 19808 | 0.207 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 25.512 | 276 | 78872 | 0.223 | ng | 97 |
| 37) Benzo(b)fluoranthene | 22.658 | 252 | 61257 | 0.185 | ng | 99 |
| 38) Benzo(k)fluoranthene | 22.702 | 252 | 66395 | 0.201 | ng | # 89 |
| 39) Benzo(a)pyrene | 23.215 | 252 | 56287 | 0.192 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 25.533 | 278 | 62521 | 0.220 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 26.183 | 276 | 69990 | 0.228 | ng | 99 |

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

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