Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002132.D
Acq On : 25 Jul 2018 12:53
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:21 AM

Quant Time: Jul 25 20:03:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 19:40:55 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 213689 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.46 | 136 | 958961 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 14.32 | 164 | 601798 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 17.07 | 188 | 1392975 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 21.27 | 240 | 1345358 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.49 | 264 | 1184178 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.31 | 112 | 62146 | 4.68 | ng | | 0.00 |
| 7) Phenol-d6 | 6.88 | 99 | 83561 | 4.49 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.84 | 82 | 86144 | 4.61 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.82 | 330 | 36882 | 4.72 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 12.94 | 172 | 223999 | 4.85 | ng | | 0.00 |
| 78) Terphenyl-d14 | 19.70 | 244 | 310797 | 4.82 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 12941 | 2.597 | ng | # | 84 |
| 3) Pyridine | 3.68 | 79 | 36214m | 2.509 | ng | | |
| 4) n-Nitrosodimethylamine | 3.59 | 42 | 17704m | 2.859 | ng | | |
| 6) Aniline | 7.03 | 93 | 51852 | 2.279 | ng | | 97 |
| 8) 2-Chlorophenol | 7.26 | 128 | 35738 | 2.322 | ng | | 92 |
| 9) Benzaldehyde | 6.85 | 77 | 30616 | 2.657 | ng | | 94 |
| 10) Phenol | 6.90 | 94 | 42828 | 2.243 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.13 | 93 | 37908 | 2.439 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 7.58 | 146 | 42330 | 2.413 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 7.73 | 146 | 43747 | 2.438 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 8.04 | 146 | 43654 | 2.521 | ng | | 96 |
| 15) Benzyl Alcohol | 7.93 | 79 | 35195m | 2.504 | ng | | |
| 16) 2,2'-oxybis(1-Chloropropan | 8.22 | 45 | 62269 | 2.481 | ng | | 92 |
| 17) 2-Methylphenol | 8.13 | 107 | 31033 | 2.381 | ng | | 97 |
| 18) Hexachloroethane | 8.76 | 117 | 15895 | 2.420 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 8.49 | 70 | 31862 | 2.358 | ng | # | 96 |
| 20) 3+4-Methylphenols | 8.46 | 107 | 41231 | 2.267 | ng | | 94 |
| 22) Acetophenone | 8.50 | 105 | 58806 | 2.365 | ng | | 93 |
| 24) Nitrobenzene | 8.88 | 77 | 45594 | 2.353 | ng | # | 97 |
| 25) Isophorone | 9.40 | 82 | 73922 | 2.302 | ng | | 96 |
| 26) 2-Nitrophenol | 9.59 | 139 | 20329 | 2.172 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 9.65 | 122 | 28587 | 2.196 | ng | | 94 |
| 28) bis(2-Chloroethoxy)methane | 9.89 | 93 | 49696 | 2.396 | ng | # | 97 |
| 29) 2,4-Dichlorophenol | 10.12 | 162 | 33431 | 2.202 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.33 | 180 | 41618 | 2.421 | ng | | 96 |
| 31) Naphthalene | 10.52 | 128 | 119405 | 2.467 | ng | | 99 |
| 33) 4-Chloroaniline | 10.63 | 127 | 47980 | 2.228 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.80 | 225 | 24967 | 2.371 | ng | | 97 |
| 35) Caprolactam | 11.38 | 113 | 10911 | 2.106 | ng | # | 63 |
| 36) 4-Chloro-3-methylphenol | 11.76 | 107 | 38217 | 2.214 | ng | # | 85 |
| 37) 2-Methylnaphthalene | 12.13 | 142 | 83147 | 2.436 | ng | | 92 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 47260 | 2.336 | ng | | 97 |
| 40) Hexachlorocyclopentadiene | 12.48 | 237 | 20438 | 1.788 | ng | | 89 |
| 42) 2,4,6-Trichlorophenol | 12.75 | 196 | 29206 | 2.151 | ng | | 95 |

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|---|---|---|---|---|---|---|---|
| 43) 2,4,5-Trichlorophenol | 12.83 | 196 | 31259 | 2.174 | ng | | 99 |
| 45) 1,1'-Biphenyl | 13.15 | 154 | 125802 | 2.376 | ng | | 97 |
| 46) 2-Chloronaphthalene | 13.19 | 162 | 95902 | 2.346 | ng | | 97 |
| 47) 2-Nitroaniline | 13.40 | 65 | 27379 | 2.082 | ng | # | 88 |
| 48) Acenaphthylene | 14.04 | 152 | 146457 | 2.361 | ng | | 95 |
| 49) Dimethylphthalate | 13.78 | 163 | 122583 | 2.452 | ng | | 100 |
| 50) 2,6-Dinitrotoluene | 13.90 | 165 | 24533 | 2.209 | ng | | 92 |
| 51) Acenaphthene | 14.39 | 154 | 90314 | 2.417 | ng | | 97 |
| 52) 3-Nitroaniline | 14.23 | 138 | 25341 | 2.106 | ng | # | 93 |
| 54) Dibenzofuran | 14.72 | 168 | 150106 | 2.478 | ng | | 95 |
| 55) 4-Nitrophenol | 14.56 | 139 | 17948 | 1.943 | ng | | 90 |
| 56) 2,4-Dinitrotoluene | 14.70 | 165 | 33237 | 2.205 | ng | | 88 |
| 57) Fluorene | 15.37 | 166 | 113041 | 2.476 | ng | | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.96 | 232 | 28934 | 2.339 | ng | # | 95 |
| 59) Diethylphthalate | 15.15 | 149 | 125450 | 2.466 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 15.37 | 204 | 63321 | 2.506 | ng | | 98 |
| 61) 4-Nitroaniline | 15.40 | 138 | 26075 | 2.126 | ng | | 90 |
| 62) Azobenzene | 15.66 | 77 | 117933 | 2.416 | ng | | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.46 | 198 | 16265 | 1.729 | ng | | 99 |
| 65) n-Nitrosodiphenylamine | 15.59 | 169 | 105577 | 2.284 | ng | | 96 |
| 66) 4-Bromophenyl-phenylether | 16.27 | 248 | 37907 | 2.325 | ng | | 93 |
| 67) Hexachlorobenzene | 16.38 | 284 | 43277 | 2.399 | ng | | 95 |
| 68) Atrazine | 16.54 | 200 | 36808 | 2.365 | ng | | 96 |
| 69) Pentachlorophenol | 16.73 | 266 | 20608 | 1.775 | ng | | 97 |
| 70) Phenanthrene | 17.11 | 178 | 186991 | 2.459 | ng | | 98 |
| 71) Anthracene | 17.20 | 178 | 178941 | 2.378 | ng | | 97 |
| 72) Carbazole | 17.47 | 167 | 180279 | 2.387 | ng | | 96 |
| 73) Di-n-butylphthalate | 18.05 | 149 | 200736 | 2.279 | ng | | 98 |
| 74) Fluoranthene | 19.13 | 202 | 206442 | 2.501 | ng | | 97 |
| 76) Benzidine | 19.32 | 184 | 104636 | 2.385 | ng | | 97 |
| 77) Pyrene | 19.50 | 202 | 216327 | 2.332 | ng | | 99 |
| 79) Butylbenzylphthalate | 20.41 | 149 | 85379 | 2.114 | ng | | 92 |
| 80) Benzo(a)anthracene | 21.25 | 228 | 199328 | 2.431 | ng | | 97 |
| 81) 3,3'-Dichlorobenzidine | 21.19 | 252 | 73129 | 2.289 | ng | # | 97 |
| 82) Chrysene | 21.30 | 228 | 192527 | 2.466 | ng | | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.19 | 149 | 120267 | 2.135 | ng | | 91 |
| 84) Di-n-octyl phthalate | 22.07 | 149 | 183328 | 2.053 | ng | | 100 |
| 85) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 160421 | 2.583 | ng | # | 94 |
| 87) Benzo(b)fluoranthene | 22.83 | 252 | 172540 | 2.469 | ng | | 98 |
| 88) Benzo(k)fluoranthene | 22.87 | 252 | 166340 | 2.417 | ng | | 98 |
| 89) Benzo(a)pyrene | 23.40 | 252 | 156175 | 2.393 | ng | | 97 |
| 90) Dibenzo(a,h)anthracene | 25.73 | 278 | 136045 | 2.220 | ng | # | 93 |
| 91) Benzo(g,h,i)perylene | 26.40 | 276 | 128301 | 2.167 | ng | # | 96 |

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

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