Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
Data File : BF111105.D
Acq On : 5 Dec 2018 13:27
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED
mohammad
12/6/2018 12:10:39 PM

Quant Time: Dec 05 17:25:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 05 15:25:21 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 476391 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.08 | 136 | 1985034 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.84 | 164 | 947588 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.32 | 188 | 1653218 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.95 | 240 | 1382272 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.38 | 264 | 1255322 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.40 | 112 | 178409 | 6.21 | ng | | -0.01 |
| 7) Phenol-d6 | 6.42 | 99 | 228145 | 6.09 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.35 | 82 | 159035 | 4.59 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 40331 | 4.29 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 0.00 | 172 | 0d | 0.00 | ng | | |
| 79) Terphenyl-d14 | 12.90 | 244 | 385520 | 5.43 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.52 | 88 | 46261 | 3.361 | ng | # | 80 |
| 3) Pyridine | 3.28 | 79 | 96420 | 3.199 | ng | # | 69 |
| 4) n-Nitrosodimethylamine | 3.18 | 42 | 47126 | 3.417 | ng | # | 81 |
| 6) Aniline | 6.46 | 93 | 144969 | 3.132 | ng | # | 50 |
| 8) 2-Chlorophenol | 6.58 | 128 | 102326 | 3.006 | ng | | 97 |
| 10) Phenol | 6.43 | 94 | 121305m | 2.877 | ng | | |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 100324 | 3.159 | ng | | 92 |
| 12) 1,3-Dichlorobenzene | 6.75 | 146 | 111112 | 2.971 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 6.82 | 146 | 107846 | 2.804 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 104560 | 2.888 | ng | | 96 |
| 15) Benzyl Alcohol | 6.93 | 79 | 85507 | 2.972 | ng | | 92 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45 | 191797 | 3.794 | ng | # | 63 |
| 17) 2-Methylphenol | 7.05 | 107 | 78267 | 2.891 | ng | # | 79 |
| 18) Hexachloroethane | 7.32 | 117 | 38224 | 2.702 | ng | | 93 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 73029 | 2.995 | ng | # | 80 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 105601 | 2.935 | ng | # | 72 |
| 22) Acetophenone | 7.20 | 105 | 146413 | 3.147 | ng | # | 95 |
| 24) Nitrobenzene | 7.37 | 77 | 89417 | 2.479 | ng | | 99 |
| 25) Isophorone | 7.62 | 82 | 167731 | 2.948 | ng | # | 97 |
| 26) 2-Nitrophenol | 7.69 | 139 | 27109 | 1.547 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.73 | 122 | 80444 | 3.040 | ng | | 96 |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93 | 118048 | 3.097 | ng | | 94 |
| 29) 2,4-Dichlorophenol | 7.93 | 162 | 74043 | 2.674 | ng | | 97 |
| 30) 1,2,4-Trichlorobenzene | 8.03 | 180 | 80090 | 2.581 | ng | | 94 |
| 33) 4-Chloroaniline | 8.15 | 127 | 117472 | 2.966 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.23 | 225 | 41951 | 2.373 | ng | | 98 |
| 35) Caprolactam | 8.46 | 113 | 27657 | 2.925 | ng | # | 79 |
| 36) 4-Chloro-3-methylphenol | 8.62 | 107 | 83374 | 2.710 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.80 | 142 | 181137 | 2.947 | ng | | 94 |
| 38) 1-Methylnaphthalene | 8.89 | 142 | 169197 | 2.830 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 74772 | 2.508 | ng | | 95 |
| 41) Hexachlorocyclopentadiene | 8.96 | 237 | 32532 | 10.846 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 9.07 | 196 | 49100 | 2.758 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.10 | 196 | 46825 | 2.498 | ng | # | 91 |

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|---|---|---|---|---|---|---|---|
| 47) 2-Chloronaphthalene | 9.28 | 162 | 177413 | 2.801 | ng | | 100 |
| 50) Dimethylphthalate | 9.55 | 163 | 194117 | 2.793 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.61 | 165 | 25457 | 1.645 | ng | | 97 |
| 52) Acenaphthene | 9.87 | 154 | 168255 | 2.914 | ng | | 98 |
| 53) 3-Nitroaniline | 9.77 | 138 | 35145 | 1.949 | ng | # | 95 |
| 56) 4-Nitrophenol | 9.92 | 139 | 25592 | 2.846 | ng | # | 82 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.15 | 232 | 35004 | 2.275 | ng | # | 83 |
| 60) Diethylphthalate | 10.25 | 149 | 190790 | 2.662 | ng | | 99 |
| 62) 4-Nitroaniline | 10.37 | 138 | 32784 | 1.953 | ng | | 93 |
| 63) Azobenzene | 10.53 | 77 | 209867 | 3.004 | ng | | 95 |
| 66) n-Nitrosodiphenylamine | 10.49 | 169 | 169650 | 3.083 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 10.86 | 248 | 49359 | 2.741 | ng | # | 84 |
| 68) Hexachlorobenzene | 10.93 | 284 | 50788 | 2.648 | ng | # | 80 |
| 69) Atrazine | 11.01 | 200 | 51212 | 3.616 | ng | | 96 |
| 70) Pentachlorophenol | 11.12 | 266 | 26600 | 3.486 | ng | | 97 |
| 77) Benzidine | 12.64 | 184 | 160230 | 4.532 | ng | | 97 |
| 78) Pyrene | 12.75 | 202 | 277946 | 2.753 | ng | | 96 |
| 80) Butylbenzylphthalate | 13.38 | 149 | 110603 | 2.427 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.93 | 228 | 218544 | 2.678 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 13.90 | 252 | 80147 | 2.864 | ng | # | 98 |
| 83) Chrysene | 13.97 | 228 | 216237 | 2.692 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 13.95 | 149 | 151678 | 2.497 | ng | # | 96 |
| 85) Di-n-octyl phthalate | 14.55 | 149 | 244580 | 2.551 | ng | # | 92 |
| 86) Indeno(1,2,3-cd)pyrene | 16.77 | 276 | 158955m | 2.757 | ng | | |
| 88) Benzo(b)fluoranthene | 14.96 | 252 | 183790 | 2.492 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 14.99 | 252 | 194719 | 2.565 | ng | # | 95 |
| 90) Benzo(a)pyrene | 15.32 | 252 | 171212 | 2.494 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 16.79 | 278 | 133378 | 2.355 | ng | # | 90 |
| 92) Benzo(g,h,i)perylene | 17.19 | 276 | 132752 | 2.431 | ng | # | 84 |

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

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