Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070721\
Data File : BF124536.D
Acq On : 7 Jul 2021 18:56
Operator : JU/CG
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC020

**Manual Integrations APPROVED**
mohammad
7/8/2021 12:39:36 PM

Quant Time: Jul 08 04:21:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 04:18:19 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.928 | 152 | 5267 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.210 | 136 | 20305 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.969 | 164 | 11164 | 20.000 | ng | # 0.00 |
| 64) Phenanthrene-d10 | 11.451 | 188 | 19729 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.098 | 240 | 15283 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.586 | 264 | 11441 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.534 | 112 | 12775 | 38.145 | ng | 0.00 |
| 7) Phenol-d6 | 6.539 | 99 | 15546 | 35.551 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.486 | 82 | 13425 | 27.414 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.751 | 330 | 3865 | 28.977 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.286 | 172 | 31812 | 34.906 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.039 | 244 | 35400 | 34.693 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.775 | 88 | 2213 | 15.367 | ng | # 100 |
| 3) Pyridine | 3.522 | 79 | 5241 | 16.596 | ng | 91 |
| 4) n-Nitrosodimethylamine | 3.475 | 42 | 4186 | 24.570 | ng | 98 |
| 6) Aniline | 6.586 | 93 | 8193 | 16.771 | ng | 99 |
| 8) 2-Chlorophenol | 6.704 | 128 | 7201 | 19.347 | ng | 97 |
| 9) Benzaldehyde | 6.475 | 77 | 4631 | 22.750 | ng | 94 |
| 10) Phenol | 6.551 | 94 | 7588 | 16.048 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.657 | 93 | 6110 | 17.868 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 6.869 | 146 | 7675 | 16.978 | ng | 96 |
| 13) 1,4-Dichlorobenzene | 6.945 | 146 | 7990 | 17.431 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 7.098 | 146 | 7255 | 16.806 | ng | 96 |
| 15) Benzyl Alcohol | 7.057 | 79 | 5133 | 13.685 | ng | 95 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.198 | 45 | 10418 | 23.749 | ng | 97 |
| 17) 2-Methylphenol | 7.163 | 107 | 5332 | 17.903 | ng | 92 |
| 18) Hexachloroethane | 7.439 | 117 | 2996 | 17.940 | ng | 95 |
| 19) n-Nitroso-di-n-propyla... | 7.333 | 70 | 4415 | 15.013 | ng | # 99 |
| 20) 3+4-Methylphenols | 7.316 | 107 | 7048 | 18.129 | ng | # 80 |
| 22) Acetophenone | 7.333 | 105 | 9594 | 16.973 | ng | 96 |
| 24) Nitrobenzene | 7.504 | 77 | 6335 | 12.949 | ng | 96 |
| 25) Isophorone | 7.745 | 82 | 12002 | 14.255 | ng | 94 |
| 26) 2-Nitrophenol | 7.822 | 139 | 3404 | 14.304 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.851 | 122 | 5702 | 17.977 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.951 | 93 | 7319 | 17.150 | ng | 97 |
| 29) 2,4-Dichlorophenol | 8.057 | 162 | 6087 | 16.166 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.145 | 180 | 6768 | 15.850 | ng | 97 |
| 31) Naphthalene | 8.233 | 128 | 21440 | 17.947 | ng | 97 |
| 32) Benzoic acid | 7.933 | 122 | 3491 | 21.239 | ng | 94 |
| 33) 4-Chloroaniline | 8.275 | 127 | 8194 | 18.262 | ng | 98 |
| 34) Hexachlorobutadiene | 8.351 | 225 | 3908 | 13.689 | ng | 97 |
| 35) Caprolactam | 8.627 | 113 | 1346 | 13.642 | ng | # 87 |
| 36) 4-Chloro-3-methylphenol | 8.745 | 107 | 5962 | 15.677 | ng | 91 |
| 37) 2-Methylnaphthalene | 8.922 | 142 | 14629 | 17.305 | ng | 97 |
| 38) 1-Methylnaphthalene | 9.022 | 142 | 13931 | 17.717 | ng | 91 |
| 40) 1,2,4,5-Tetrachloroben... | 9.086 | 216 | 6192 | 15.433 | ng | 96 |
| 41) Hexachlorocyclopentadiene | 9.074 | 237 | 3797 | 121.966 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.192 | 196 | 4213 | 16.733 | ng | 93 |

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|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.227 | 196 | 4673 | 17.590 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.386 | 154 | 17189 | 18.115 | ng | | 96 |
| 47) 2-Chloronaphthalene | 9.410 | 162 | 13398 | 17.262 | ng | | 97 |
| 48) 2-Nitroaniline | 9.498 | 65 | 3221 | 12.615 | ng | | 97 |
| 49) Acenaphthylene | 9.827 | 152 | 20812 | 18.550 | ng | | 97 |
| 50) Dimethylphthalate | 9.680 | 163 | 16199 | 18.404 | ng | # | 96 |
| 51) 2,6-Dinitrotoluene | 9.745 | 165 | 2926 | 14.391 | ng | | 96 |
| 52) Acenaphthene | 9.998 | 154 | 13845 | 19.435 | ng | | 97 |
| 53) 3-Nitroaniline | 9.910 | 138 | 3490 | 19.391 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 10.010 | 184 | 1437 | 23.553 | ng | # | 69 |
| 55) Dibenzofuran | 10.169 | 168 | 19969 | 17.587 | ng | | 99 |
| 56) 4-Nitrophenol | 10.051 | 139 | 2866 | 30.355 | ng | | 79 |
| 57) 2,4-Dinitrotoluene | 10.145 | 165 | 4085 | 15.157 | ng | # | 85 |
| 58) Fluorene | 10.516 | 166 | 15917 | 18.244 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.280 | 232 | 3698 | 19.033 | ng | # | 93 |
| 60) Diethylphthalate | 10.380 | 149 | 17000 | 19.410 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.504 | 204 | 7218 | 16.695 | ng | | 93 |
| 62) 4-Nitroaniline | 10.521 | 138 | 3650 | 21.078 | ng | | 87 |
| 63) Azobenzene | 10.668 | 77 | 14817 | 16.995 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 10.551 | 198 | 2193 | 15.507 | ng | # | 70 |
| 66) n-Nitrosodiphenylamine | 10.621 | 169 | 13375 | 17.672 | ng | | 93 |
| 67) 4-Bromophenyl-phenylether | 10.998 | 248 | 4236 | 15.960 | ng | | 97 |
| 68) Hexachlorobenzene | 11.063 | 284 | 4149 | 14.388 | ng | | 92 |
| 69) Atrazine | 11.145 | 200 | 4078 | 20.885 | ng | | 92 |
| 70) Pentachlorophenol | 11.251 | 266 | 2689 | 44.658 | ng | | 89 |
| 71) Phenanthrene | 11.480 | 178 | 22633 | 18.198 | ng | | 97 |
| 72) Anthracene | 11.527 | 178 | 23234 | 18.750 | ng | | 100 |
| 73) Carbazole | 11.680 | 167 | 21312 | 19.734 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.010 | 149 | 28700 | 22.317 | ng | | 98 |
| 75) Fluoranthene | 12.668 | 202 | 23091 | 18.450 | ng | | 98 |
| 77) Benzidine | 12.786 | 184 | 11602 | 37.879 | ng | | 96 |
| 78) Pyrene | 12.898 | 202 | 23926 | 17.151 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.515 | 149 | 11597 | 20.935 | ng | | 96 |
| 81) Benzo(a)anthracene | 14.086 | 228 | 20251 | 18.379 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 14.045 | 252 | 5523 | 15.644 | ng | | 99 |
| 83) Chrysene | 14.121 | 228 | 19477 | 17.837 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 14.074 | 149 | 15839 | 21.341 | ng | | 95 |
| 85) Di-n-octyl phthalate | 14.692 | 149 | 23505 | 20.334 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.092 | 276 | 12385 | 13.727 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.145 | 252 | 17815m | 20.548 | ng | | |
| 89) Benzo(k)fluoranthene | 15.174 | 252 | 15238m | 19.211 | ng | | |
| 90) Benzo(a)pyrene | 15.521 | 252 | 13979 | 18.145 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.115 | 278 | 10546 | 13.570 | ng | # | 88 |
| 92) Benzo(g,h,i)perylene | 17.556 | 276 | 10212 | 13.354 | ng | | 94 |

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

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