Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020521\
Data File : BP004677.D
Acq On : 05 Feb 2021 13:35
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDICC005

Quant Time: Feb 05 16:04:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP020521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 05 16:02:44 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.775 | 152 | 43470 | 20.00 | ng | | # 0.00 |
| 21) Naphthalene-d8 | 10.569 | 136 | 169798 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.422 | 164 | 110896 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.181 | 188 | 246299 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.257 | 240 | 271584 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.569 | 264 | 269522 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.358 | 112 | 32177 | 12.90 | ng | | 0.00 |
| 7) Phenol-d6 | 6.940 | 99 | 42861 | 12.55 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.934 | 82 | 39569 | 13.17 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.916 | 330 | 14088 | 7.31 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.046 | 172 | 97768 | 11.46 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.739 | 244 | 172644 | 11.61 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.293 | 88 | 7244 | 7.18 | ng | # | 87 |
| 3) Pyridine | 3.705 | 79 | 14538 | 5.38 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.605 | 42 | 6521 | 7.63 | ng | # | 62 |
| 6) Aniline | 7.105 | 93 | 23735 | 6.11 | ng | # | 84 |
| 8) 2-Chlorophenol | 7.340 | 128 | 17054 | 6.02 | ng | | 89 |
| 10) Phenol | 6.969 | 94 | 21654 | 6.61 | ng | | 82 |
| 11) bis(2-Chloroethyl)ether | 7.205 | 93 | 16686 | 6.37 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.664 | 146 | 21797 | 6.22 | ng | # | 92 |
| 13) 1,4-Dichlorobenzene | 7.811 | 146 | 21636 | 6.11 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 8.128 | 146 | 21126 | 6.24 | ng | | 88 |
| 15) Benzyl Alcohol | 8.016 | 79 | 14711 | 6.65 | ng | # | 86 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.316 | 45 | 13188 | 4.74 | ng | | 85 |
| 17) 2-Methylphenol | 8.216 | 107 | 14057 | 6.08 | ng | # | 89 |
| 18) Hexachloroethane | 8.852 | 117 | 7486 | 6.11 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 8.581 | 70 | 12060 | 6.29 | ng | # | 81 |
| 20) 3+4-Methylphenols | 8.540 | 107 | 17601 | 5.58 | ng | | 89 |
| 22) Acetophenone | 8.599 | 105 | 25752 | 6.14 | ng | # | 88 |
| 24) Nitrobenzene | 8.975 | 77 | 20374 | 6.93 | ng | # | 79 |
| 25) Isophorone | 9.499 | 82 | 30936 | 5.71 | ng | # | 87 |
| 26) 2-Nitrophenol | 9.687 | 139 | 7106 | 4.39 | ng | # | 72 |
| 27) 2,4-Dimethylphenol | 9.746 | 122 | 12772 | 5.69 | ng | # | 83 |
| 28) bis(2-Chloroethoxy)met... | 9.987 | 93 | 21466 | 5.78 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.216 | 162 | 14376 | 4.83 | ng | | 88 |
| 30) 1,2,4-Trichlorobenzene | 10.434 | 180 | 19789 | 5.52 | ng | | 95 |
| 31) Naphthalene | 10.622 | 128 | 55857 | 5.99 | ng | | 98 |
| 33) 4-Chloroaniline | 10.734 | 127 | 20970 | 5.21 | ng | # | 85 |
| 34) Hexachlorobutadiene | 10.910 | 225 | 12664 | 5.26 | ng | | 95 |
| 35) Caprolactam | 11.487 | 113 | 3461 | 3.64 | ng | # | 69 |
| 36) 4-Chloro-3-methylphenol | 11.857 | 107 | 17260 | 6.08 | ng | # | 81 |
| 37) 2-Methylnaphthalene | 12.240 | 142 | 38204 | 5.57 | ng | # | 93 |
| 38) 1-Methylnaphthalene | 12.457 | 142 | 36346 | 5.58 | ng | # | 94 |
| 40) 1,2,4,5-Tetrachloroben... | 12.604 | 216 | 21793 | 5.47 | ng | # | 97 |
| 41) Hexachlorocyclopentadiene | 12.587 | 237 | 11931 | 8.39 | ng | | 93 |
| 43) 2,4,6-Trichlorophenol | 12.851 | 196 | 12398 | 4.78 | ng | | 92 |
| 44) 2,4,5-Trichlorophenol | 12.916 | 196 | 13736 | 5.10 | ng | # | 88 |
| 46) 1,1'-Biphenyl | 13.257 | 154 | 50526 | 5.70 | ng | | 98 |

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|---|---|---|---|---|---|---|---|
| 47) 2-Chloronaphthalene | 13.293 | 162 | 41415 | 5.64 | ng | | 96 |
| 48) 2-Nitroaniline | 13.498 | 65 | 9451 | 5.57 | ng | # | 69 |
| 49) Acenaphthylene | 14.146 | 152 | 58443 | 5.33 | ng | | 99 |
| 50) Dimethylphthalate | 13.881 | 163 | 52577 | 5.72 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 13.998 | 165 | 9545 | 4.87 | ng | # | 65 |
| 52) Acenaphthene | 14.487 | 154 | 38891 | 5.82 | ng | | 91 |
| 53) 3-Nitroaniline | 14.328 | 138 | 9226 | 4.33 | ng | # | 65 |
| 54) 2,4-Dinitrophenol | 14.528 | 184 | 4751 | 5.37 | ng | # | 71 |
| 55) Dibenzofuran | 14.822 | 168 | 61708 | 5.70 | ng | | 96 |
| 56) 4-Nitrophenol | 14.628 | 139 | 7006 | 4.73 | ng | # | 55 |
| 57) 2,4-Dinitrotoluene | 14.781 | 165 | 12571 | 4.69 | ng | # | 60 |
| 58) Fluorene | 15.475 | 166 | 49259 | 5.70 | ng | | 97 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.045 | 232 | 12738 | 5.04 | ng | | 95 |
| 60) Diethylphthalate | 15.251 | 149 | 51358 | 5.71 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.475 | 204 | 28202 | 5.78 | ng | | 97 |
| 62) 4-Nitroaniline | 15.487 | 138 | 9941 | 4.41 | ng | # | 60 |
| 63) Azobenzene | 15.763 | 77 | 47338 | 6.96 | ng | | 83 |
| 65) 4,6-Dinitro-2-methylph... | 15.545 | 198 | 6450 | 4.50 | ng | | 89 |
| 66) n-Nitrosodiphenylamine | 15.687 | 169 | 41636 | 5.45 | ng | | 97 |
| 67) 4-Bromophenyl-phenylether | 16.369 | 248 | 17546 | 5.33 | ng | | 90 |
| 68) Hexachlorobenzene | 16.481 | 284 | 18367 | 4.67 | ng | # | 90 |
| 69) Atrazine | 16.640 | 200 | 13356 | 4.97 | ng | | 96 |
| 70) Pentachlorophenol | 16.822 | 266 | 8624 | 4.89 | ng | | 95 |
| 71) Phenanthrene | 17.216 | 178 | 82486 | 5.84 | ng | | 99 |
| 72) Anthracene | 17.310 | 178 | 76403 | 5.58 | ng | | 98 |
| 73) Carbazole | 17.581 | 167 | 70138 | 5.50 | ng | | 97 |
| 74) Di-n-butylphthalate | 18.145 | 149 | 78175 | 5.07 | ng | # | 96 |
| 75) Fluoranthene | 19.186 | 202 | 96273 | 5.60 | ng | | 97 |
| 77) Benzidine | 19.369 | 184 | 20735 | 2.92 | ng | | 96 |
| 78) Pyrene | 19.539 | 202 | 99350 | 5.38 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.422 | 149 | 34450 | 4.61 | ng | # | 80 |
| 81) Benzo(a)anthracene | 21.245 | 228 | 103745 | 5.62 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 21.180 | 252 | 31380 | 4.71 | ng | | 99 |
| 83) Chrysene | 21.298 | 228 | 101885 | 5.79 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.180 | 149 | 54082 | 5.07 | ng | | 97 |
| 85) Di-n-octyl phthalate | 22.075 | 149 | 86568 | 4.78 | ng | # | 91 |
| 87) Indeno(1,2,3-cd)pyrene | 25.933 | 276 | 112800 | 5.42 | ng | | 96 |
| 88) Benzo(b)fluoranthene | 22.869 | 252 | 107060 | 6.14 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 22.916 | 252 | 100483 | 6.04 | ng | # | 97 |
| 90) Benzo(a)pyrene | 23.463 | 252 | 93341 | 5.74 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 25.957 | 278 | 95821 | 5.58 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 26.663 | 276 | 92102 | 5.45 | ng | # | 94 |

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

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