Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
Data File : BP001280.D
Acq On : 09 Dec 2019 20:16
Operator : JU
Sample : K6177-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EP-6MSD

Manual Integrations APPROVED
mohammad
12/10/2019 3:47:01 PM

Quant Time: Dec 10 05:30:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.31 | 152 | 63731 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.35 | 136 | 236047 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 13.20 | 164 | 137781 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 15.60 | 188 | 270787 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 19.25 | 240 | 221082 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 21.02 | 264 | 236961 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 6.22 | 112 | 391573 | 101.94 | ng | | 0.01 |
| 7) Phenol-d6 | 7.76 | 99 | 544376 | 106.37 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.19 | 82 | 373879 | 68.72 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 14.50 | 330 | 157034 | 118.91 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.12 | 172 | 644163 | 68.43 | ng | | -0.01 |
| 79) Terphenyl-d14 | 17.89 | 244 | 812572 | 68.00 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.60 | 88 | 59141 | 32.961 | ng | | 97 |
| 3) Pyridine | 3.45 | 79 | 146037 | 29.331 | ng | # | 90 |
| 4) n-Nitrosodimethylamine | 3.35 | 42 | 102461 | 47.557 | ng | | 86 |
| 6) Aniline | 7.78 | 93 | 73551 | 10.840 | ng | # | 1 |
| 8) 2-Chlorophenol | 7.97 | 128 | 158554 | 39.894 | ng | | 97 |
| 9) Benzaldehyde | 7.60 | 77 | 70121 | 19.945 | ng | | 98 |
| 10) Phenol | 7.78 | 94 | 223819 | 38.449 | ng | | 90 |
| 11) bis(2-Chloroethyl)ether | 7.91 | 93 | 164493 | 36.288 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 8.22 | 146 | 179766 | 38.161 | ng | | 97 |
| 13) 1,4-Dichlorobenzene | 8.33 | 146 | 184068 | 38.789 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 8.57 | 146 | 172750 | 38.681 | ng | | 99 |
| 15) Benzyl Alcohol | 8.54 | 79 | 185292 | 44.107 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.77 | 45 | 254222 | 34.884 | ng | | 100 |
| 17) 2-Methylphenol | 8.73 | 107 | 139580 | 38.286 | ng | | 97 |
| 18) Hexachloroethane | 9.11 | 117 | 77576 | 39.518 | ng | | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.97 | 70 | 143052 | 38.738 | ng | | 100 |
| 20) 3+4-Methylphenols | 8.97 | 107 | 182841 | 39.786 | ng | | 98 |
| 22) Acetophenone | 8.96 | 105 | 267481 | 38.555 | ng | # | 98 |
| 24) Nitrobenzene | 9.22 | 77 | 215340 | 39.803 | ng | | 99 |
| 25) Isophorone | 9.62 | 82 | 369432 | 37.866 | ng | | 98 |
| 26) 2-Nitrophenol | 9.73 | 139 | 80586 | 40.666 | ng | | 96 |
| 27) 2,4-Dimethylphenol | 9.83 | 122 | 140908 | 44.891 | ng | | 98 |
| 28) bis(2-Chloroethoxy)methane | 9.98 | 93 | 209356 | 34.202 | ng | | 100 |
| 29) 2,4-Dichlorophenol | 10.12 | 162 | 143215 | 40.088 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.26 | 180 | 159793 | 38.295 | ng | | 97 |
| 31) Naphthalene | 10.37 | 128 | 465695 | 38.629 | ng | | 99 |
| 32) Benzoic acid | 10.00 | 122 | 86298 | 38.029 | ng | | 95 |
| 33) 4-Chloroaniline | 10.47 | 127 | 28612 | 5.469 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.60 | 225 | 109106 | 41.566 | ng | | 98 |
| 35) Caprolactam | 11.04 | 113 | 45463m | 36.924 | ng | | |
| 36) 4-Chloro-3-methylphenol | 11.29 | 107 | 172544 | 40.736 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.51 | 142 | 321671 | 39.103 | ng | | 98 |
| 38) 1-Methylnaphthalene | 11.67 | 142 | 296417 | 38.145 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 11.79 | 216 | 173161 | 39.880 | ng | | 98 |

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|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 11.78 | 237 | 214949 | 107.307 ng | 97 |
| 43) 2,4,6-Trichlorophenol | 11.97 | 196 | 109896 | 38.763 ng | 96 |
| 44) 2,4,5-Trichlorophenol | 12.03 | 196 | 118093 | 40.202 ng | 99 |
| 46) 1,1'-Biphenyl | 12.28 | 154 | 407267 | 38.247 ng | 99 |
| 47) 2-Chloronaphthalene | 12.30 | 162 | 318394 | 37.434 ng | 99 |
| 48) 2-Nitroaniline | 12.47 | 65 | 126951 | 38.083 ng | 96 |
| 49) Acenaphthylene | 12.97 | 152 | 503000 | 39.453 ng | 100 |
| 50) Dimethylphthalate | 12.80 | 163 | 438846 | 42.587 ng | 98 |
| 51) 2,6-Dinitrotoluene | 12.88 | 165 | 82928 | 37.594 ng | 96 |
| 52) Acenaphthene | 13.26 | 154 | 289989 | 37.812 ng | 98 |
| 53) 3-Nitroaniline | 13.13 | 138 | 23310 | 9.407 ng | 98 |
| 54) 2,4-Dinitrophenol | 13.32 | 184 | 70604 | 78.506 ng | 86 |
| 55) Dibenzofuran | 13.55 | 168 | 455310 | 39.508 ng | 100 |
| 56) 4-Nitrophenol | 13.45 | 139 | 137345 | 78.220 ng | 94 |
| 57) 2,4-Dinitrotoluene | 13.54 | 165 | 114353 | 41.358 ng | 91 |
| 58) Fluorene | 14.11 | 166 | 361910 | 39.191 ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 13.75 | 232 | 97503 | 40.379 ng | 97 |
| 60) Diethylphthalate | 13.97 | 149 | 400386 | 37.525 ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 14.13 | 204 | 183379 | 38.997 ng | 100 |
| 62) 4-Nitroaniline | 12.47 | 138 | 100076 | 34.834 ng | 98 |
| 63) Azobenzene | 14.39 | 77 | 436989 | 37.889 ng | 96 |
| 65) 4,6-Dinitro-2-methylphenol | 14.20 | 198 | 48589 | 42.644 ng | 90 |
| 66) n-Nitrosodiphenylamine | 14.32 | 169 | 316410 | 38.457 ng | 99 |
| 67) 4-Bromophenyl-phenylether | 14.92 | 248 | 110040 | 37.431 ng | 98 |
| 68) Hexachlorobenzene | 15.00 | 284 | 119802 | 37.067 ng | 99 |
| 69) Atrazine | 15.21 | 200 | 105080 | 41.828 ng | 96 |
| 70) Pentachlorophenol | 15.32 | 266 | 144366 | 85.702 ng | 99 |
| 71) Phenanthrene | 15.64 | 178 | 549504 | 38.599 ng | 100 |
| 72) Anthracene | 15.72 | 178 | 559772 | 39.893 ng | 99 |
| 73) Carbazole | 15.96 | 167 | 501550 | 39.281 ng | 99 |
| 74) Di-n-butylphthalate | 16.52 | 149 | 655598 | 38.189 ng | 100 |
| 75) Fluoranthene | 17.35 | 202 | 624103 | 41.410 ng | 99 |
| 77) Benzidine | 17.54 | 184 | 179241 | 31.401 ng | 98 |
| 78) Pyrene | 17.66 | 202 | 631250 | 36.252 ng | 100 |
| 80) Butylbenzylphthalate | 18.54 | 149 | 288651 | 35.890 ng | 99 |
| 81) Benzo(a)anthracene | 19.23 | 228 | 560683 | 36.578 ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 19.20 | 252 | 112714 | 22.258 ng | 98 |
| 83) Chrysene | 19.28 | 228 | 548724 | 39.977 ng | 99 |
| 84) Bis(2-ethylhexyl)phthalate | 19.29 | 149 | 411475 | 37.211 ng | 100 |
| 85) Di-n-octyl phthalate | 20.07 | 149 | 707499 | 36.018 ng | 100 |
| 86) Indeno(1,2,3-cd)pyrene | 22.66 | 276 | 595189 | 36.793 ng | 98 |
| 88) Benzo(b)fluoranthene | 20.53 | 252 | 550894 | 38.062 ng | 99 |
| 89) Benzo(k)fluoranthene | 20.57 | 252 | 534784 | 38.363 ng | 99 |
| 90) Benzo(a)pyrene | 20.95 | 252 | 528413 | 39.636 ng | 98 |
| 91) Dibenzo(a,h)anthracene | 22.69 | 278 | 499359 | 38.275 ng | 98 |
| 92) Benzo(g,h,i)perylene | 23.16 | 276 | 485025 | 37.650 ng | 97 |

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

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