Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011521\
Data File : BP004580.D
Acq On : 15 Jan 2021 17:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDCCC040

Quant Time: Jan 15 18:04:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP011221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 12 15:19:32 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.805 | 152 | 301481 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.599 | 136 | 1064332 | 20.00 | ng | | #-0.01 |
| 39) Acenaphthene-d10 | 14.457 | 164 | 621301 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.216 | 188 | 1259521 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.310 | 240 | 1187985 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 23.663 | 264 | 1250269 | 20.00 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.393 | 112 | 1355159 | 78.35 | ng | | 0.00 |
| 7) Phenol-d6 | 6.981 | 99 | 1741204 | 73.50 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.963 | 82 | 1420591 | 75.46 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.957 | 330 | 718611 | 66.52 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.075 | 172 | 3699247 | 77.40 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.781 | 244 | 4876758 | 75.00 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.323 | 88 | 293597 | 41.99 | ng | | 93 |
| 3) Pyridine | 3.711 | 79 | 750980 | 40.08 | ng | | 95 |
| 4) n-Nitrosodimethylamine | 3.628 | 42 | 234335 | 39.56 | ng | | 92 |
| 6) Aniline | 7.134 | 93 | 969653 | 35.98 | ng | | 96 |
| 8) 2-Chlorophenol | 7.375 | 128 | 731333 | 37.23 | ng | | 95 |
| 9) Benzaldehyde | 6.946 | 77 | 412713 | 40.77 | ng | | 92 |
| 10) Phenol | 7.011 | 94 | 837777 | 36.88 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 7.234 | 93 | 674646 | 37.11 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.693 | 146 | 901391 | 37.11 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.840 | 146 | 910288 | 37.05 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 8.158 | 146 | 862210 | 36.75 | ng | | 100 |
| 15) Benzyl Alcohol | 8.046 | 79 | 535700 | 34.90 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.334 | 45 | 703237 | 36.48 | ng | | 94 |
| 17) 2-Methylphenol | 8.252 | 107 | 575439 | 35.90 | ng | | 99 |
| 18) Hexachloroethane | 8.881 | 117 | 309942 | 36.50 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.611 | 70 | 440004 | 33.11 | ng | | 94 |
| 20) 3+4-Methylphenols | 8.581 | 107 | 775200 | 35.45 | ng | | 99 |
| 22) Acetophenone | 8.628 | 105 | 992259 | 37.77 | ng | # | 97 |
| 24) Nitrobenzene | 9.011 | 77 | 698483 | 37.92 | ng | | 92 |
| 25) Isophorone | 9.534 | 82 | 1220039 | 35.94 | ng | | 96 |
| 26) 2-Nitrophenol | 9.716 | 139 | 397415 | 39.14 | ng | | 94 |
| 27) 2,4-Dimethylphenol | 9.781 | 122 | 533300 | 37.92 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.010 | 93 | 857348 | 36.80 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 10.258 | 162 | 699317 | 37.44 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.469 | 180 | 837295 | 37.27 | ng | | 98 |
| 31) Naphthalene | 10.652 | 128 | 2190038 | 37.46 | ng | | 100 |
| 32) Benzoic acid | 9.952 | 122 | 406723 | 37.31 | ng | | 91 |
| 33) 4-Chloroaniline | 10.763 | 127 | 905311 | 35.86 | ng | | 98 |
| 34) Hexachlorobutadiene | 10.934 | 225 | 547716 | 36.28 | ng | | 100 |
| 35) Caprolactam | 11.546 | 113 | 194391 | 32.60 | ng | # | 75 |
| 36) 4-Chloro-3-methylphenol | 11.904 | 107 | 622792 | 35.02 | ng | | 99 |
| 37) 2-Methylnaphthalene | 12.269 | 142 | 1537716 | 35.78 | ng | | 100 |
| 38) 1-Methylnaphthalene | 12.487 | 142 | 1455967 | 35.69 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.640 | 216 | 881370 | 39.49 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.616 | 237 | 326376 | 38.09 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 12.887 | 196 | 566555 | 39.00 | ng | | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.963 | 196 | 582534 | 38.59 | ng | | 99 |
| 46) 1,1'-Biphenyl | 13.287 | 154 | 1930952 | 38.88 | ng | | 99 |
| 47) 2-Chloronaphthalene | 13.328 | 162 | 1604160 | 39.02 | ng | | 98 |
| 48) 2-Nitroaniline | 13.534 | 65 | 362229 | 38.11 | ng | | 86 |
| 49) Acenaphthylene | 14.181 | 152 | 2327067 | 37.89 | ng | | 99 |
| 50) Dimethylphthalate | 13.916 | 163 | 1861155 | 36.15 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.040 | 165 | 408858 | 37.25 | ng | | 99 |
| 52) Acenaphthene | 14.522 | 154 | 1409596 | 37.65 | ng | | 99 |
| 53) 3-Nitroaniline | 14.369 | 138 | 434352 | 36.36 | ng | | 94 |
| 54) 2,4-Dinitrophenol | 14.593 | 184 | 188388 | 36.23 | ng | | 94 |
| 55) Dibenzofuran | 14.857 | 168 | 2252852 | 37.16 | ng | | 97 |
| 56) 4-Nitrophenol | 14.698 | 139 | 296303 | 35.73 | ng | | 92 |
| 57) 2,4-Dinitrotoluene | 14.834 | 165 | 547294 | 36.47 | ng | | 93 |
| 58) Fluorene | 15.510 | 166 | 1774468 | 36.66 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.093 | 232 | 509044 | 35.93 | ng | # | 91 |
| 60) Diethylphthalate | 15.281 | 149 | 1764317 | 35.04 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.504 | 204 | 986316 | 36.06 | ng | | 92 |
| 62) 4-Nitroaniline | 15.540 | 138 | 451042 | 35.75 | ng | | 97 |
| 63) Azobenzene | 15.798 | 77 | 1386095 | 36.36 | ng | | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.610 | 198 | 280084 | 38.18 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.722 | 169 | 1521710 | 38.97 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248 | 639791 | 38.01 | ng | | 94 |
| 68) Hexachlorobenzene | 16.528 | 284 | 742275 | 36.91 | ng | | 96 |
| 69) Atrazine | 16.681 | 200 | 482092 | 35.10 | ng | | 98 |
| 70) Pentachlorophenol | 16.875 | 266 | 359330 | 39.82 | ng | | 99 |
| 71) Phenanthrene | 17.263 | 178 | 2728186 | 37.78 | ng | | 100 |
| 72) Anthracene | 17.351 | 178 | 2652699 | 37.91 | ng | | 100 |
| 73) Carbazole | 17.628 | 167 | 2412178 | 36.99 | ng | | 99 |
| 74) Di-n-butylphthalate | 18.175 | 149 | 2849606 | 36.15 | ng | | 99 |
| 75) Fluoranthene | 19.234 | 202 | 3103179 | 35.32 | ng | | 100 |
| 77) Benzidine | 19.416 | 184 | 866145 | 27.87 | ng | | 100 |
| 78) Pyrene | 19.586 | 202 | 3157787 | 39.07 | ng | | 100 |
| 80) Butylbenzylphthalate | 20.457 | 149 | 1241740 | 37.98 | ng | | 95 |
| 81) Benzo(a)anthracene | 21.298 | 228 | 3029290 | 37.49 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.228 | 252 | 1074528 | 36.89 | ng | | 99 |
| 83) Chrysene | 21.351 | 228 | 2892006 | 37.60 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.216 | 149 | 1779128 | 38.11 | ng | | 98 |
| 85) Di-n-octyl phthalate | 22.122 | 149 | 2979765 | 37.59 | ng | # | 97 |
| 87) Indeno(1,2,3-cd)pyrene | 26.086 | 276 | 3829154 | 39.69 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.951 | 252 | 3216702 | 39.75 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.998 | 252 | 2968351 | 38.46 | ng | | 99 |
| 90) Benzo(a)pyrene | 23.557 | 252 | 2954767 | 39.14 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 26.092 | 278 | 3144940 | 39.50 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 26.827 | 276 | 3091741 | 39.43 | ng | | 97 |

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

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