Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020724\
Data File : BP019603.D
Acq On : 07 Feb 2024 20:22
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Feb 08 01:32:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.905 | 152 | 78249 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 10.705 | 136 | 306281 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.540 | 164 | 214498 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.292 | 188 | 494866 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.386 | 240 | 490016 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.792 | 264 | 550493 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.475 | 112 | 379601 | 78.197 | ng | -0.01 |
| 7) Phenol-d6 | 7.075 | 99 | 532732 | 81.389 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.075 | 82 | 557464 | 78.868 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.034 | 330 | 272434 | 86.989 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.169 | 172 | 1321617 | 76.169 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.863 | 244 | 2414977 | 81.049 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.381 | 88 | 71204 | 38.071 | ng | 98 |
| 3) Pyridine | 3.781 | 79 | 204038 | 40.239 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.705 | 42 | 87983 | 39.854 | ng | 97 |
| 6) Aniline | 7.240 | 93 | 256043 | 40.258 | ng | 99 |
| 8) 2-Chlorophenol | 7.469 | 128 | 200542 | 40.238 | ng | 98 |
| 9) Benzaldehyde | 7.052 | 77 | 228227 | 49.732 | ng | 99 |
| 10) Phenol | 7.099 | 94 | 261846 | 40.137 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.340 | 93 | 199894 | 39.384 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.793 | 146 | 240172 | 39.383 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.940 | 146 | 244639 | 39.595 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 8.252 | 146 | 233619 | 39.080 | ng | 98 |
| 15) Benzyl Alcohol | 8.152 | 79 | 212556 | 40.642 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.446 | 45 | 194565 | 38.335 | ng | 100 |
| 17) 2-Methylphenol | 8.352 | 107 | 179648 | 40.903 | ng | 99 |
| 18) Hexachloroethane | 8.975 | 117 | 92920 | 38.800 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.722 | 70 | 178214 | 39.861 | ng | 99 |
| 20) 3+4-Methylphenols | 8.681 | 107 | 252026 | 42.046 | ng | 98 |
| 22) Acetophenone | 8.734 | 105 | 340224 | 38.992 | ng | 99 |
| 24) Nitrobenzene | 9.116 | 77 | 281325 | 39.530 | ng | 99 |
| 25) Isophorone | 9.640 | 82 | 497602 | 40.423 | ng | 99 |
| 26) 2-Nitrophenol | 9.822 | 139 | 112580 | 41.488 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.881 | 122 | 140863 | 40.597 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.134 | 93 | 274276 | 39.380 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.352 | 162 | 219612 | 41.869 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.569 | 180 | 256088 | 39.819 | ng | 99 |
| 31) Naphthalene | 10.758 | 128 | 665214 | 39.600 | ng | 100 |
| 32) Benzoic acid | 10.022 | 122 | 157506 | 46.590 | ng | 95 |
| 33) 4-Chloroaniline | 10.875 | 127 | 257329 | 41.423 | ng | 98 |
| 34) Hexachlorobutadiene | 11.028 | 225 | 189604 | 39.785 | ng | 98 |
| 35) Caprolactam | 11.669 | 113 | 69326 | 46.688 | ng | 96 |
| 36) 4-Chloro-3-methylphenol | 11.993 | 107 | 249495 | 43.624 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.363 | 142 | 482789 | 41.530 | ng | 97 |
| 38) 1-Methylnaphthalene | 12.581 | 142 | 471322 | 41.257 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.722 | 216 | 316603 | 38.272 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.699 | 237 | 111943 | 29.955 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 12.969 | 196 | 202470 | 40.420 | ng | 100 |

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Acq On : 07 Feb 2024 20:22
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Feb 08 01:32:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.040 | 196 | 230565 | 41.918 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.375 | 154 | 647022 | 37.794 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.416 | 162 | 536300 | 38.162 | ng | 98 |
| 48) 2-Nitroaniline | 13.628 | 65 | 162711 | 41.406 | ng | 97 |
| 49) Acenaphthylene | 14.263 | 152 | 779615 | 39.542 | ng | 99 |
| 50) Dimethylphthalate | 14.010 | 163 | 668295 | 40.699 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 14.128 | 165 | 152622 | 42.305 | ng | 98 |
| 52) Acenaphthene | 14.604 | 154 | 483230 | 39.489 | ng | 99 |
| 53) 3-Nitroaniline | 14.457 | 138 | 143772 | 43.364 | ng | 96 |
| 54) 2,4-Dinitrophenol | 14.663 | 184 | 68460 | 36.548 | ng | 96 |
| 55) Dibenzofuran | 14.940 | 168 | 801151 | 40.197 | ng | 100 |
| 56) 4-Nitrophenol | 14.757 | 139 | 118535 | 43.619 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.916 | 165 | 212274 | 44.900 | ng | 98 |
| 58) Fluorene | 15.587 | 166 | 655269 | 41.279 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.163 | 232 | 205730 | 44.467 | ng | 98 |
| 60) Diethylphthalate | 15.375 | 149 | 686772 | 42.049 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.587 | 204 | 370451 | 41.521 | ng | 96 |
| 62) 4-Nitroaniline | 15.616 | 138 | 155506 | 44.747 | ng | 97 |
| 63) Azobenzene | 15.881 | 77 | 641816 | 40.637 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.675 | 198 | 107435 | 38.074 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.804 | 169 | 556479 | 37.547 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.487 | 248 | 208930 | 33.772 | ng | 96 |
| 68) Hexachlorobenzene | 16.587 | 284 | 283900 | 39.298 | ng | 95 |
| 69) Atrazine | 16.769 | 200 | 196041 | 39.862 | ng | 98 |
| 70) Pentachlorophenol | 16.934 | 266 | 195519 | 43.459 | ng | 99 |
| 71) Phenanthrene | 17.334 | 178 | 1021347 | 39.217 | ng | 99 |
| 72) Anthracene | 17.428 | 178 | 1027742 | 39.560 | ng | 99 |
| 73) Carbazole | 17.704 | 167 | 956201 | 40.515 | ng | 100 |
| 74) Di-n-butylphthalate | 18.263 | 149 | 1158017 | 40.580 | ng | 100 |
| 75) Fluoranthene | 19.304 | 202 | 1323322 | 41.595 | ng | 99 |
| 77) Benzidine | 19.492 | 184 | 624938 | 61.002 | ng | 99 |
| 78) Pyrene | 19.657 | 202 | 1366997 | 39.528 | ng | 100 |
| 80) Butylbenzylphthalate | 20.545 | 149 | 513245 | 39.740 | ng | 99 |
| 81) Benzo(a)anthracene | 21.369 | 228 | 1362017 | 39.486 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.304 | 252 | 499084 | 39.706 | ng | 99 |
| 83) Chrysene | 21.422 | 228 | 1271506 | 38.826 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.316 | 149 | 743369 | 37.799 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.257 | 149 | 1271668 | 36.752 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.316 | 276 | 1553262 | 36.861 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.063 | 252 | 1399049 | 40.324 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.116 | 252 | 1326943 | 40.038 | ng | 99 |
| 90) Benzo(a)pyrene | 23.692 | 252 | 1218151 | 39.460 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.345 | 278 | 1283947 | 37.047 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 27.092 | 276 | 1284857 | 36.543 | ng | 99 |

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

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Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDCCC040EC

Quant Time: Feb 08 01:32:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration