Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090220\
Data File : BM027306.D
Acq On : 02 Sep 2020 16:37
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ICVBM090220

Quant Time: Sep 02 17:48:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 16:21:29 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 150227 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.35 | 136 | 585419 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.22 | 164 | 421993 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.97 | 188 | 983505 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.17 | 240 | 1093096 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.34 | 264 | 1098820 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.20 | 112 | 704914 | 78.12 | ng | 0.00 |
| 7) Phenol-d6 | 6.76 | 99 | 986488 | 81.01 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.72 | 82 | 1055642 | 77.04 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.72 | 330 | 581455 | 78.58 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.84 | 172 | 2459449 | 77.51 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.62 | 244 | 4780719 | 76.12 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.17 | 88 | 144871 | 37.655 | ng | 99 |
| 3) Pyridine | 3.55 | 79 | 438415 | 39.227 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.46 | 42 | 165830 | 37.596 | ng | 96 |
| 6) Aniline | 6.92 | 93 | 586168 | 39.603 | ng | 98 |
| 8) 2-Chlorophenol | 7.15 | 128 | 361911 | 39.399 | ng | 98 |
| 9) Benzaldehyde | 6.73 | 77 | 374983 | 39.143 | ng | 97 |
| 10) Phenol | 6.79 | 94 | 468773 | 40.063 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.01 | 93 | 392130 | 39.824 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.47 | 146 | 443579 | 38.795 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.61 | 146 | 446707 | 38.856 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.93 | 146 | 427029 | 38.655 | ng | 99 |
| 15) Benzyl Alcohol | 7.82 | 79 | 419085 | 40.048 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.12 | 45 | 300472 | 40.295 | ng | 97 |
| 17) 2-Methylphenol | 8.02 | 107 | 320950 | 40.394 | ng | 98 |
| 18) Hexachloroethane | 8.65 | 117 | 179151 | 38.886 | ng | 98 |
| 19) n-Nitroso-di-n-propylamine | 8.39 | 70 | 382045 | 39.398 | ng | 99 |
| 20) 3+4-Methylphenols | 8.35 | 107 | 436842 | 40.297 | ng | 98 |
| 22) Acetophenone | 8.39 | 105 | 635462 | 38.558 | ng | 99 |
| 24) Nitrobenzene | 8.76 | 77 | 550521 | 38.591 | ng | 99 |
| 25) Isophorone | 9.30 | 82 | 945984 | 39.241 | ng | 99 |
| 26) 2-Nitrophenol | 9.47 | 139 | 215716 | 40.736 | ng | 95 |
| 27) 2,4-Dimethylphenol | 9.55 | 122 | 357553 | 39.536 | ng | 96 |
| 28) bis(2-Chloroethoxy)methane | 9.77 | 93 | 544344 | 39.359 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.00 | 162 | 410373 | 39.410 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.22 | 180 | 475640 | 38.256 | ng | 98 |
| 31) Naphthalene | 10.40 | 128 | 1211185 | 38.623 | ng | 100 |
| 32) Benzoic acid | 9.70 | 122 | 234831 | 37.626 | ng | 95 |
| 33) 4-Chloroaniline | 10.51 | 127 | 526938 | 39.579 | ng | 99 |
| 34) Hexachlorobutadiene | 10.69 | 225 | 313122 | 37.269 | ng | 98 |
| 35) Caprolactam | 11.30 | 113 | 122535 | 39.985 | ng | 97 |
| 36) 4-Chloro-3-methylphenol | 11.64 | 107 | 442600 | 39.561 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.02 | 142 | 964116 | 39.236 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.24 | 142 | 893060 | 38.708 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.40 | 216 | 584195 | 38.453 | ng | 100 |

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Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** ICVBM090220

Quant Time: Sep 02 17:48:19 2020
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.38 | 237 | 399062 | 39.911 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.64 | 196 | 370132 | 39.737 | ng | 97 |
| 44) 2,4,5-Trichlorophenol | 12.72 | 196 | 404980 | 39.996 | ng | 97 |
| 46) 1,1'-Biphenyl | 13.05 | 154 | 1299358 | 38.905 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.09 | 162 | 1030090 | 38.899 | ng | 100 |
| 48) 2-Nitroaniline | 13.29 | 65 | 330046 | 40.759 | ng | 99 |
| 49) Acenaphthylene | 13.94 | 152 | 1588096 | 39.587 | ng | 100 |
| 50) Dimethylphthalate | 13.69 | 163 | 1342158 | 38.695 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.80 | 165 | 297700 | 40.292 | ng | 99 |
| 52) Acenaphthene | 14.29 | 154 | 968999 | 38.934 | ng | 99 |
| 53) 3-Nitroaniline | 14.13 | 138 | 276473 | 38.184 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.34 | 184 | 167820 | 37.671 | ng | 94 |
| 55) Dibenzofuran | 14.62 | 168 | 1614892 | 38.358 | ng | 99 |
| 56) 4-Nitrophenol | 14.44 | 139 | 237468 | 40.632 | ng | 97 |
| 57) 2,4-Dinitrotoluene | 14.59 | 165 | 423356 | 41.350 | ng | 98 |
| 58) Fluorene | 15.27 | 166 | 1375929 | 38.937 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.86 | 232 | 386060 | 39.440 | ng | 99 |
| 60) Diethylphthalate | 15.06 | 149 | 1384845 | 38.817 | ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.27 | 204 | 744037 | 38.327 | ng | 100 |
| 62) 4-Nitroaniline | 15.29 | 138 | 297185 | 38.386 | ng | 98 |
| 63) Azobenzene | 15.57 | 77 | 1423626 | 38.580 | ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.36 | 198 | 249744 | 39.567 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.49 | 169 | 1182767 | 38.877 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.17 | 248 | 465253 | 38.315 | ng | 99 |
| 68) Hexachlorobenzene | 16.28 | 284 | 545620 | 38.494 | ng | 99 |
| 69) Atrazine | 16.45 | 200 | 349054 | 39.223 | ng | 99 |
| 70) Pentachlorophenol | 16.63 | 266 | 335184 | 39.104 | ng | 99 |
| 71) Phenanthrene | 17.01 | 178 | 2215801 | 38.745 | ng | 100 |
| 72) Anthracene | 17.10 | 178 | 2271076 | 39.348 | ng | 99 |
| 73) Carbazole | 17.37 | 167 | 2013533 | 39.963 | ng | 100 |
| 74) Di-n-butylphthalate | 17.96 | 149 | 2427386 | 40.050 | ng | 99 |
| 75) Fluoranthene | 19.03 | 202 | 2766336 | 39.875 | ng | 100 |
| 77) Benzidine | 19.22 | 184 | 1226912 | 37.144 | ng | 99 |
| 78) Pyrene | 19.40 | 202 | 2834217 | 38.019 | ng | 99 |
| 80) Butylbenzylphthalate | 20.32 | 149 | 1119504 | 36.345 | ng | 98 |
| 81) Benzo(a)anthracene | 21.16 | 228 | 2857645 | 39.157 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.10 | 252 | 1145568 | 37.833 | ng | 99 |
| 83) Chrysene | 21.21 | 228 | 2744077 | 38.692 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.11 | 149 | 1692167 | 41.790 | ng | 99 |
| 85) Di-n-octyl phthalate | 21.98 | 149 | 2842945 | 42.181 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.52 | 276 | 3008035 | 40.370 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.70 | 252 | 2993045 | 39.159 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.74 | 252 | 2808664 | 38.010 | ng | 99 |
| 90) Benzo(a)pyrene | 23.26 | 252 | 2536776 | 39.242 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 25.53 | 278 | 2542031 | 40.389 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 26.18 | 276 | 2409303 | 39.723 | ng | 99 |

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

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**Instrument :**
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