Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060520\

Quantitation Report (QT Reviewed)

Data File : BM026275.D
Acq On : 05 Jun 2020 12:16
Operator : JU/CG
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** SSTDICCC040

**Manual Integrations APPROVED**
mohammad
6/8/2020 12:51:47 PM

Quant Time: Jun 05 12:55:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 12:48:56 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.45 | 152 | 163010 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.21 | 136 | 702890 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.10 | 164 | 436849 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.84 | 188 | 909302 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.05 | 240 | 753605 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.15 | 264 | 668447 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.08 | 112 | 781134 | 90.07 | ng | 0.00 |
| 7) Phenol-d6 | 6.65 | 99 | 1129665 | 96.99 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.59 | 82 | 1217654 | 104.70 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.60 | 330 | 438725 | 90.09 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.71 | 172 | 2454638 | 98.34 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.50 | 244 | 3453422 | 115.18 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.05 | 88 | 179787 | 46.241 | ng | 100 |
| 3) Pyridine | 3.44 | 79 | 518971m | 45.055 | ng | |
| 4) n-Nitrosodimethylamine | 3.35 | 42 | 263165 | 60.738 | ng | 100 |
| 6) Aniline | 6.79 | 93 | 749098 | 47.202 | ng | 100 |
| 8) 2-Chlorophenol | 7.02 | 128 | 447625 | 45.289 | ng | 100 |
| 9) Benzaldehyde | 6.60 | 77 | 281563 | 48.983 | ng | 100 |
| 10) Phenol | 6.67 | 94 | 598327 | 47.446 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 6.89 | 93 | 485420 | 46.168 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.33 | 146 | 501859 | 44.319 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.48 | 146 | 507704 | 44.543 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.79 | 146 | 498660 | 45.382 | ng | 100 |
| 15) Benzyl Alcohol | 7.70 | 79 | 481850 | 53.537 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.98 | 45 | 925274 | 62.926 | ng | 100 |
| 17) 2-Methylphenol | 7.90 | 107 | 440076 | 47.533 | ng | 100 |
| 18) Hexachloroethane | 8.50 | 117 | 195741 | 47.445 | ng | 100 |
| 19) n-Nitroso-di-n-propylamine | 8.26 | 70 | 444397 | 57.001 | ng | 100 |
| 20) 3+4-Methylphenols | 8.23 | 107 | 602082 | 47.867 | ng | 100 |
| 22) Acetophenone | 8.27 | 105 | 761556 | 48.594 | ng | 100 |
| 24) Nitrobenzene | 8.63 | 77 | 629152 | 50.569 | ng | 100 |
| 25) Isophorone | 9.16 | 82 | 1136826 | 47.330 | ng | 100 |
| 26) 2-Nitrophenol | 9.34 | 139 | 251508 | 43.522 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.42 | 122 | 394759 | 44.086 | ng | 100 |
| 28) bis(2-Chloroethoxy)methane | 9.65 | 93 | 644747 | 45.390 | ng | 100 |
| 29) 2,4-Dichlorophenol | 9.87 | 162 | 435602 | 43.021 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.08 | 180 | 477505 | 42.224 | ng | 100 |
| 31) Naphthalene | 10.26 | 128 | 1485646 | 45.504 | ng | 100 |
| 32) Benzoic acid | 9.59 | 122 | 306148 | 45.458 | ng | 100 |
| 33) 4-Chloroaniline | 10.38 | 127 | 651057 | 44.968 | ng | 100 |
| 34) Hexachlorobutadiene | 10.55 | 225 | 301973 | 44.649 | ng | 100 |
| 35) Caprolactam | 11.18 | 113 | 151199 | 42.204 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.52 | 107 | 522317 | 48.053 | ng | 100 |
| 37) 2-Methylnaphthalene | 11.88 | 142 | 1055540 | 45.045 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.10 | 142 | 1002577 | 45.330 | ng | 100 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.26 | 216 | 531254 | 44.994 | ng | 100 |

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**Instrument :** BNA_M
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Quant Time: Jun 05 12:55:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 12:48:56 2020
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.25 | 237 | 316682 | 50.843 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.52 | 196 | 361582 | 43.285 | ng | 100 |
| 44) 2,4,5-Trichlorophenol | 12.59 | 196 | 418036 | 43.523 | ng | 100 |
| 46) 1,1'-Biphenyl | 12.92 | 154 | 1301148 | 45.981 | ng | 100 |
| 47) 2-Chloronaphthalene | 12.96 | 162 | 1056327 | 45.218 | ng | 100 |
| 48) 2-Nitroaniline | 13.17 | 65 | 420793 | 57.774 | ng | 100 |
| 49) Acenaphthylene | 13.82 | 152 | 1684195 | 45.501 | ng | 100 |
| 50) Dimethylphthalate | 13.57 | 163 | 1341587 | 45.200 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.69 | 165 | 296803 | 45.432 | ng | 100 |
| 52) Acenaphthene | 14.16 | 154 | 1013301 | 46.465 | ng | 100 |
| 53) 3-Nitroaniline | 14.02 | 138 | 325848 | 44.224 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.23 | 184 | 177805 | 49.539 | ng | 100 |
| 55) Dibenzofuran | 14.50 | 168 | 1623676 | 46.170 | ng | 100 |
| 56) 4-Nitrophenol | 14.35 | 139 | 257059 | 43.963 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.48 | 165 | 405742 | 45.710 | ng | 100 |
| 58) Fluorene | 15.15 | 166 | 1311207 | 49.197 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.74 | 232 | 352197 | 45.306 | ng | 100 |
| 60) Diethylphthalate | 14.95 | 149 | 1350484 | 46.046 | ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.16 | 204 | 697888 | 48.949 | ng | 100 |
| 62) 4-Nitroaniline | 15.19 | 138 | 344682 | 48.962 | ng | 100 |
| 63) Azobenzene | 15.45 | 77 | 1510067 | 52.772 | ng | 100 |
| 65) 4,6-Dinitro-2-methylphenol | 15.25 | 198 | 233803 | 47.668 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.37 | 169 | 1131740 | 48.463 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.05 | 248 | 432484 | 47.367 | ng | 100 |
| 68) Hexachlorobenzene | 16.16 | 284 | 447349 | 45.729 | ng | 100 |
| 69) Atrazine | 16.34 | 200 | 353984 | 47.417 | ng | 100 |
| 70) Pentachlorophenol | 16.51 | 266 | 269585 | 46.965 | ng | 100 |
| 71) Phenanthrene | 16.89 | 178 | 2003496 | 47.073 | ng | 100 |
| 72) Anthracene | 16.98 | 178 | 2002718 | 47.302 | ng | 100 |
| 73) Carbazole | 17.26 | 167 | 1866277 | 45.383 | ng | 100 |
| 74) Di-n-butylphthalate | 17.84 | 149 | 2189615 | 45.645 | ng | 100 |
| 75) Fluoranthene | 18.92 | 202 | 2188141 | 43.083 | ng | 100 |
| 77) Benzidine | 19.11 | 184 | 713942 | 45.056 | ng | 100 |
| 78) Pyrene | 19.28 | 202 | 2243462 | 48.672 | ng | 100 |
| 80) Butylbenzylphthalate | 20.21 | 149 | 848456 | 42.955 | ng | 100 |
| 81) Benzo(a)anthracene | 21.03 | 228 | 1906141 | 44.644 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 20.98 | 252 | 597778 | 37.566 | ng | 100 |
| 83) Chrysene | 21.09 | 228 | 1842827 | 45.505 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.00 | 149 | 1173448 | 42.085 | ng | 100 |
| 85) Di-n-octyl phthalate | 21.85 | 149 | 1769146 | 36.343 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.21 | 276 | 1766150 | 42.250 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.54 | 252 | 1682678 | 46.732 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.58 | 252 | 1634696 | 48.132 | ng | 100 |
| 90) Benzo(a)pyrene | 23.06 | 252 | 1531496 | 45.595 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 25.23 | 278 | 1474034 | 43.655 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 25.84 | 276 | 1427180 | 41.164 | ng | 100 |

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

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**Instrument :**
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