Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026724.D
Acq On : 10 Jul 2020 08:51
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
mohammad
7/10/2020 11:51:43 AM

Quant Time: Jul 10 10:41:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.32 | 152 | 64048 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.07 | 136 | 273487 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 13.99 | 164 | 187469 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.74 | 188 | 435053 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 20.96 | 240 | 546413 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.03 | 264 | 567265 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 4.96 | 112 | 287361 | 75.20 | ng | | 0.00 |
| 7) Phenol-d6 | 6.53 | 99 | 456041 | 74.91 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.47 | 82 | 505742 | 78.89 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.49 | 330 | 219704 | 80.45 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.59 | 172 | 1083547 | 76.85 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.41 | 244 | 2144243 | 77.23 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.95 | 88 | 69889 | 38.065 | ng | | 98 |
| 3) Pyridine | 3.33 | 79 | 209374 | 39.870 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.25 | 42 | 122611 | 39.009 | ng | | 97 |
| 6) Aniline | 6.67 | 93 | 282256 | 37.772 | ng | | 100 |
| 8) 2-Chlorophenol | 6.89 | 128 | 171083 | 37.585 | ng | | 99 |
| 9) Benzaldehyde | 6.49 | 77 | 116106 | 34.361 | ng | | 99 |
| 10) Phenol | 6.56 | 94 | 224904 | 37.377 | ng | | 100 |
| 11) bis(2-Chloroethyl)ether | 6.77 | 93 | 185870 | 36.943 | ng | | 97 |
| 12) 1,3-Dichlorobenzene | 7.21 | 146 | 185584 | 37.508 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.36 | 146 | 190535 | 37.832 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 7.66 | 146 | 188094 | 37.492 | ng | | 99 |
| 15) Benzyl Alcohol | 7.57 | 79 | 195336 | 37.497 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.86 | 45 | 389802 | 37.538 | ng | | 100 |
| 17) 2-Methylphenol | 7.78 | 107 | 170428 | 37.269 | ng | | 99 |
| 18) Hexachloroethane | 8.37 | 117 | 76000 | 37.995 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 8.14 | 70 | 188371 | 37.186 | ng | | 98 |
| 20) 3+4-Methylphenols | 8.11 | 107 | 235237 | 37.417 | ng | | 98 |
| 22) Acetophenone | 8.15 | 105 | 302777 | 38.959 | ng | # | 97 |
| 24) Nitrobenzene | 8.51 | 77 | 261032 | 38.707 | ng | | 99 |
| 25) Isophorone | 9.04 | 82 | 481505 | 39.171 | ng | | 100 |
| 26) 2-Nitrophenol | 9.22 | 139 | 98492 | 39.571 | ng | | 98 |
| 27) 2,4-Dimethylphenol | 9.30 | 122 | 158308 | 39.114 | ng | | 100 |
| 28) bis(2-Chloroethoxy)methane | 9.53 | 93 | 262791 | 38.697 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 9.75 | 162 | 178504 | 40.047 | ng | | 98 |
| 30) 1,2,4-Trichlorobenzene | 9.95 | 180 | 195518 | 39.319 | ng | | 99 |
| 31) Naphthalene | 10.13 | 128 | 588799 | 38.709 | ng | | 99 |
| 32) Benzoic acid | 9.48 | 122 | 115246 | 35.050 | ng | | 97 |
| 33) 4-Chloroaniline | 10.26 | 127 | 265003 | 39.825 | ng | | 99 |
| 34) Hexachlorobutadiene | 10.42 | 225 | 130004 | 39.476 | ng | | 97 |
| 35) Caprolactam | 11.05 | 113 | 65660 | 41.585 | ng | | 92 |
| 36) 4-Chloro-3-methylphenol | 11.40 | 107 | 226790 | 40.258 | ng | | 99 |
| 37) 2-Methylnaphthalene | 11.75 | 142 | 441714 | 39.201 | ng | | 99 |
| 38) 1-Methylnaphthalene | 11.97 | 142 | 417203 | 38.647 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.14 | 216 | 236647 | 39.049 | ng | | 100 |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026724.D
Acq On : 10 Jul 2020 08:51
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
mohammad
7/10/2020 11:51:43 AM

Quant Time: Jul 10 10:41:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.12 | 237 | 112248 | 36.580 | ng | 97 |
| 43) 2,4,6-Trichlorophenol | 12.40 | 196 | 157707 | 39.726 | ng | 97 |
| 44) 2,4,5-Trichlorophenol | 12.47 | 196 | 184767 | 39.607 | ng | 97 |
| 46) 1,1'-Biphenyl | 12.80 | 154 | 568086 | 38.363 | ng | 98 |
| 47) 2-Chloronaphthalene | 12.84 | 162 | 464025 | 38.790 | ng | 97 |
| 48) 2-Nitroaniline | 13.06 | 65 | 199607 | 40.546 | ng | 97 |
| 49) Acenaphthylene | 13.70 | 152 | 746004 | 39.010 | ng | 99 |
| 50) Dimethylphthalate | 13.47 | 163 | 627215 | 39.115 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.58 | 165 | 136662 | 39.801 | ng | 96 |
| 52) Acenaphthene | 14.05 | 154 | 454118 | 39.074 | ng | 99 |
| 53) 3-Nitroaniline | 13.92 | 138 | 144822 | 40.542 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.13 | 184 | 76483 | 35.897 | ng | 88 |
| 55) Dibenzofuran | 14.39 | 168 | 741941 | 38.934 | ng | 99 |
| 56) 4-Nitrophenol | 14.25 | 139 | 110353 | 37.617 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.39 | 165 | 199379 | 40.232 | ng | 98 |
| 58) Fluorene | 15.04 | 166 | 617684 | 39.149 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.63 | 232 | 162629 | 39.919 | ng | 99 |
| 60) Diethylphthalate | 14.85 | 149 | 668885 | 39.450 | ng | 99 |
| 61) 4-Chlorophenyl-phenylether | 15.05 | 204 | 335402 | 39.237 | ng | 97 |
| 62) 4-Nitroaniline | 15.09 | 138 | 157187m | 38.336 | ng | |
| 63) Azobenzene | 15.34 | 77 | 745787 | 40.046 | ng | 97 |
| 65) 4,6-Dinitro-2-methylphenol | 15.16 | 198 | 114356 | 36.986 | ng | 94 |
| 66) n-Nitrosodiphenylamine | 15.27 | 169 | 538173 | 38.927 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 15.95 | 248 | 211045 | 38.973 | ng | 98 |
| 68) Hexachlorobenzene | 16.06 | 284 | 223664 | 39.244 | ng | 97 |
| 69) Atrazine | 16.24 | 200 | 166066 | 39.945 | ng | 99 |
| 70) Pentachlorophenol | 16.41 | 266 | 126394 | 39.202 | ng | 98 |
| 71) Phenanthrene | 16.79 | 178 | 1005366 | 39.145 | ng | 100 |
| 72) Anthracene | 16.87 | 178 | 1002297 | 39.201 | ng | 100 |
| 73) Carbazole | 17.16 | 167 | 966709 | 39.659 | ng | 100 |
| 74) Di-n-butylphthalate | 17.74 | 149 | 1225915 | 39.997 | ng | 100 |
| 75) Fluoranthene | 18.82 | 202 | 1252880 | 39.606 | ng | 100 |
| 77) Benzidine | 19.02 | 184 | 460909 | 42.786 | ng | 98 |
| 78) Pyrene | 19.18 | 202 | 1306861 | 37.967 | ng | 99 |
| 80) Butylbenzylphthalate | 20.12 | 149 | 605188 | 39.180 | ng | 99 |
| 81) Benzo(a)anthracene | 20.95 | 228 | 1414378 | 38.535 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 20.90 | 252 | 467457 | 40.127 | ng | 98 |
| 83) Chrysene | 21.00 | 228 | 1370279 | 38.357 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 20.92 | 149 | 972284 | 39.291 | ng | 99 |
| 85) Di-n-octyl phthalate | 21.76 | 149 | 1682725 | 39.785 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 25.04 | 276 | 1707317 | 42.277 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.43 | 252 | 1470143 | 39.333 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.47 | 252 | 1486761 | 40.552 | ng | 99 |
| 90) Benzo(a)pyrene | 22.95 | 252 | 1392851 | 40.142 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.05 | 278 | 1438807 | 42.205 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 25.65 | 276 | 1330891 | 42.370 | ng | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026724.D
Acq On : 10 Jul 2020 08:51
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 10 10:41:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**
mohammad
7/10/2020 11:51:43 AM