Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102720\
Data File : BP003753.D
Acq On : 27 Oct 2020 14:11
Operator : CG/JU
Sample : PB132648BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 27 14:41:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 16:22:21 2020
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
PB132648BS

**Manual Integrations APPROVED**
mohammad
10/28/2020 10:42:56 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.510 | 152 | 136362 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.357 | 136 | 492091 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 15.110 | 164 | 318878 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.833 | 188 | 711218 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.845 | 240 | 729983 | 20.00 | ng | | # 0.00 |
| 86) Perylene-d12 | 24.421 | 264 | 596457 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 6.010 | 112 | 902691 | 110.70 | ng | | 0.00 |
| 7) Phenol-d6 | 7.663 | 99 | 1203564 | 104.46 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.675 | 82 | 705850 | 60.68 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.586 | 330 | 539900 | 108.52 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.739 | 172 | 1570848 | 63.68 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.298 | 244 | 2521987 | 60.76 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.669 | 88 | 143300 | 41.13 | ng | # | 89 |
| 3) Pyridine | 4.110 | 79 | 323622 | 32.84 | ng | # | 90 |
| 4) n-Nitrosodimethylamine | 4.004 | 42 | 148017 | 35.21 | ng | # | 71 |
| 6) Aniline | 7.804 | 93 | 409012 | 31.98 | ng | # | 88 |
| 8) 2-Chlorophenol | 8.075 | 128 | 356835 | 43.95 | ng | | 83 |
| 9) Benzaldehyde | 7.604 | 77 | 93698 | 13.24 | ng | # | 80 |
| 10) Phenol | 7.693 | 94 | 475124 | 43.30 | ng | | 86 |
| 11) bis(2-Chloroethyl)ether | 7.893 | 93 | 365073 | 41.93 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 8.404 | 146 | 409719 | 39.13 | ng | # | 93 |
| 13) 1,4-Dichlorobenzene | 8.545 | 146 | 417928 | 39.53 | ng | # | 95 |
| 14) 1,2-Dichlorobenzene | 8.881 | 146 | 400089 | 39.93 | ng | | 95 |
| 15) Benzyl Alcohol | 8.740 | 79 | 344942 | 39.17 | ng | # | 87 |
| 16) 2,2'-oxybis(1-Chloropr... | 9.034 | 45 | 332392 | 38.52 | ng | | 98 |
| 17) 2-Methylphenol | 8.963 | 107 | 314416 | 43.26 | ng | # | 91 |
| 18) Hexachloroethane | 9.634 | 117 | 154702 | 37.96 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 9.310 | 70 | 275088 | 39.08 | ng | # | 89 |
| 20) 3+4-Methylphenols | 9.287 | 107 | 418273 | 42.75 | ng | | 93 |
| 22) Acetophenone | 9.328 | 105 | 562328 | 39.05 | ng | # | 91 |
| 24) Nitrobenzene | 9.716 | 77 | 426829 | 38.11 | ng | # | 79 |
| 25) Isophorone | 10.245 | 82 | 754778 | 40.26 | ng | # | 90 |
| 26) 2-Nitrophenol | 10.445 | 139 | 189720 | 45.36 | ng | # | 72 |
| 27) 2,4-Dimethylphenol | 10.504 | 122 | 316595 | 48.20 | ng | | 87 |
| 28) bis(2-Chloroethoxy)met... | 10.716 | 93 | 456795 | 38.20 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.998 | 162 | 356899 | 41.42 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 11.222 | 180 | 420798 | 38.10 | ng | | 98 |
| 31) Naphthalene | 11.404 | 128 | 1059834 | 39.95 | ng | | 100 |
| 32) Benzoic acid | 10.651 | 122 | 183827 | 40.75 | ng | # | 67 |
| 33) 4-Chloroaniline | 11.486 | 127 | 267322 | 24.45 | ng | # | 89 |
| 34) Hexachlorobutadiene | 11.716 | 225 | 295024 | 35.40 | ng | | 99 |
| 35) Caprolactam | 12.216 | 113 | 104036 | 41.23 | ng | # | 67 |
| 36) 4-Chloro-3-methylphenol | 12.592 | 107 | 381548 | 40.81 | ng | | 84 |
| 37) 2-Methylnaphthalene | 12.969 | 142 | 768772 | 39.94 | ng | # | 96 |
| 38) 1-Methylnaphthalene | 13.186 | 142 | 714622m | 39.27 | ng | | |
| 40) 1,2,4,5-Tetrachloroben... | 13.345 | 216 | 507237 | 40.17 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 13.339 | 237 | 549470 | 75.16 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 13.563 | 196 | 310882 | 41.37 | ng | | 97 |

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Quant Time: Oct 27 14:41:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.645 | 196 | 326480 | 41.82 | ng | | 96 |
| 46) 1,1'-Biphenyl | 13.945 | 154 | 999172 | 40.18 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.998 | 162 | 797057 | 38.33 | ng | | 99 |
| 48) 2-Nitroaniline | 14.175 | 65 | 223199 | 36.35 | ng | # | 64 |
| 49) Acenaphthylene | 14.833 | 152 | 1184748 | 39.91 | ng | | 100 |
| 50) Dimethylphthalate | 14.533 | 163 | 993730 | 37.93 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 14.651 | 165 | 219680 | 41.22 | ng | # | 76 |
| 52) Acenaphthene | 15.174 | 154 | 858815 | 42.86 | ng | | 88 |
| 53) 3-Nitroaniline | 14.980 | 138 | 143054 | 27.35 | ng | # | 66 |
| 54) 2,4-Dinitrophenol | 15.180 | 184 | 222196 | 73.97 | ng | # | 1 |
| 55) Dibenzofuran | 15.498 | 168 | 1199431 | 39.60 | ng | | 99 |
| 56) 4-Nitrophenol | 15.292 | 139 | 338457 | 86.46 | ng | # | 53 |
| 57) 2,4-Dinitrotoluene | 15.433 | 165 | 298787 | 41.44 | ng | # | 75 |
| 58) Fluorene | 16.145 | 166 | 969165 | 39.65 | ng | | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.733 | 232 | 309532 | 41.35 | ng | | 89 |
| 60) Diethylphthalate | 15.880 | 149 | 966426 | 37.65 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 16.121 | 204 | 566235 | 38.32 | ng | | 93 |
| 62) 4-Nitroaniline | 16.139 | 138 | 198885 | 34.28 | ng | # | 74 |
| 63) Azobenzene | 16.410 | 77 | 896425 | 37.15 | ng | | 89 |
| 65) 4,6-Dinitro-2-methylph... | 16.204 | 198 | 167038 | 44.55 | ng | | 94 |
| 66) n-Nitrosodiphenylamine | 16.327 | 169 | 848315 | 40.07 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 17.010 | 248 | 365427 | 38.37 | ng | | 96 |
| 68) Hexachlorobenzene | 17.174 | 284 | 416573 | 38.01 | ng | | 94 |
| 69) Atrazine | 17.251 | 200 | 273503 | 33.13 | ng | | 97 |
| 70) Pentachlorophenol | 17.498 | 266 | 494129 | 91.30 | ng | | 98 |
| 71) Phenanthrene | 17.874 | 178 | 1539388 | 38.95 | ng | | 99 |
| 72) Anthracene | 17.963 | 178 | 1550528 | 40.62 | ng | | 99 |
| 73) Carbazole | 18.210 | 167 | 1356655 | 39.95 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.710 | 149 | 1597010 | 38.52 | ng | # | 98 |
| 75) Fluoranthene | 19.786 | 202 | 1915714 | 39.45 | ng | | 99 |
| 77) Benzidine | 19.927 | 184 | 472507 | 27.02 | ng | | 99 |
| 78) Pyrene | 20.133 | 202 | 1922225 | 39.32 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.939 | 149 | 690965 | 38.58 | ng | # | 82 |
| 81) Benzo(a)anthracene | 21.827 | 228 | 1904602 | 39.13 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.733 | 252 | 601161 | 35.27 | ng | # | 98 |
| 83) Chrysene | 21.886 | 228 | 1823194 | 39.51 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.692 | 149 | 1006181 | 39.25 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.656 | 149 | 1695150 | 40.74 | ng | # | 93 |
| 87) Indeno(1,2,3-cd)pyrene | 27.109 | 276 | 2195579 | 51.29 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 23.633 | 252 | 1937445 | 46.55 | ng | # | 98 |
| 89) Benzo(k)fluoranthene | 23.686 | 252 | 1918125 | 48.29 | ng | # | 97 |
| 90) Benzo(a)pyrene | 24.309 | 252 | 1702706 | 45.88 | ng | # | 97 |
| 91) Dibenzo(a,h)anthracene | 27.103 | 278 | 1875399 | 52.41 | ng | # | 95 |
| 92) Benzo(g,h,i)perylene | 27.939 | 276 | 1843092 | 55.57 | ng | # | 91 |

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

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