Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112520\
Data File : BP004108.D
Acq On : 25 Nov 2020 21:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 26 00:32:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration

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

**Manual Integrations APPROVED**
mohammad
11/27/2020 11:45:22 AM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.263 | 152 | 88531 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 11.099 | 136 | 348399 | 20.00 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.887 | 164 | 227444 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.622 | 188 | 511022 | 20.00 | ng | # | 0.00 |
| 76) Chrysene-d12 | 21.657 | 240 | 545592 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 24.127 | 264 | 630703 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.799 | 112 | 435597 | 82.12 | ng | | 0.00 |
| 7) Phenol-d6 | 7.452 | 99 | 637773 | 83.76 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.428 | 82 | 567148 | 79.73 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.375 | 330 | 252334 | 88.70 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.510 | 172 | 1305649 | 80.25 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.122 | 244 | 2216525 | 78.49 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.475 | 88 | 85667 | 37.43 | ng | # | 60 |
| 3) Pyridine | 3.917 | 79 | 268837 | 40.05 | ng | # | 63 |
| 4) n-Nitrosodimethylamine | 3.817 | 42 | 126703 | 41.00 | ng | # | 53 |
| 6) Aniline | 7.569 | 93 | 364727 | 42.18 | ng | # | 83 |
| 8) 2-Chlorophenol | 7.840 | 128 | 234500 | 41.64 | ng | # | 80 |
| 9) Benzaldehyde | 7.369 | 77 | 136637 | 39.96 | ng | # | 82 |
| 10) Phenol | 7.475 | 94 | 303676 | 41.33 | ng | | 83 |
| 11) bis(2-Chloroethyl)ether | 7.657 | 93 | 235427 | 39.86 | ng | # | 80 |
| 12) 1,3-Dichlorobenzene | 8.157 | 146 | 278784 | 40.39 | ng | # | 94 |
| 13) 1,4-Dichlorobenzene | 8.299 | 146 | 281524 | 40.46 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 8.634 | 146 | 270712 | 40.73 | ng | | 97 |
| 15) Benzyl Alcohol | 8.505 | 79 | 226328 | 42.91 | ng | # | 87 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.793 | 45 | 382347 | 38.44 | ng | | 83 |
| 17) 2-Methylphenol | 8.740 | 107 | 206306 | 42.76 | ng | # | 94 |
| 18) Hexachloroethane | 9.375 | 117 | 104311 | 42.18 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 9.069 | 70 | 194527 | 42.74 | ng | # | 78 |
| 20) 3+4-Methylphenols | 9.063 | 107 | 280121 | 43.50 | ng | | 91 |
| 22) Acetophenone | 9.087 | 105 | 373905 | 39.98 | ng | # | 84 |
| 24) Nitrobenzene | 9.475 | 77 | 289616 | 40.97 | ng | # | 83 |
| 25) Isophorone | 9.999 | 82 | 514551 | 42.58 | ng | # | 91 |
| 26) 2-Nitrophenol | 10.199 | 139 | 133359 | 48.31 | ng | # | 77 |
| 27) 2,4-Dimethylphenol | 10.269 | 122 | 190003 | 41.27 | ng | | 91 |
| 28) bis(2-Chloroethoxy)met... | 10.469 | 93 | 329523 | 39.74 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 10.763 | 162 | 235211 | 42.39 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 10.963 | 180 | 274466 | 40.60 | ng | | 98 |
| 31) Naphthalene | 11.146 | 128 | 752724 | 40.26 | ng | | 100 |
| 32) Benzoic acid | 10.451 | 122 | 87015 | 30.57 | ng | # | 82 |
| 33) 4-Chloroaniline | 11.240 | 127 | 331675 | 41.74 | ng | # | 90 |
| 34) Hexachlorobutadiene | 11.451 | 225 | 176650 | 40.07 | ng | | 98 |
| 35) Caprolactam | 11.981 | 113 | 86439 | 50.38 | ng | # | 16 |
| 36) 4-Chloro-3-methylphenol | 12.381 | 107 | 260634 | 43.51 | ng | | 90 |
| 37) 2-Methylnaphthalene | 12.734 | 142 | 546142 | 40.82 | ng | | 98 |
| 38) 1-Methylnaphthalene | 12.951 | 142 | 522136 | 40.92 | ng | | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 13.116 | 216 | 302666 | 40.21 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 13.104 | 237 | 113668 | 29.93 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 13.345 | 196 | 196157 | 42.15 | ng | | 98 |

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Quant Time: Nov 26 00:32:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.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 | 13.434 | 196 | 203167 | 41.47 | ng | # | 95 |
| 46) 1,1'-Biphenyl | 13.722 | 154 | 700382 | 39.67 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.769 | 162 | 587518 | 40.56 | ng | | 99 |
| 48) 2-Nitroaniline | 13.957 | 65 | 202525 | 46.85 | ng | # | 61 |
| 49) Acenaphthylene | 14.610 | 152 | 886586 | 41.68 | ng | | 100 |
| 50) Dimethylphthalate | 14.316 | 163 | 747279 | 42.03 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 14.440 | 165 | 161908 | 44.38 | ng | # | 75 |
| 52) Acenaphthene | 14.951 | 154 | 570928m | 40.29 | ng | | |
| 53) 3-Nitroaniline | 14.775 | 138 | 179053 | 44.34 | ng | # | 75 |
| 54) 2,4-Dinitrophenol | 14.992 | 184 | 49022 | 33.15 | ng | # | 83 |
| 55) Dibenzofuran | 15.281 | 168 | 860428 | 40.87 | ng | | 100 |
| 56) 4-Nitrophenol | 15.122 | 139 | 121124 | 41.62 | ng | # | 65 |
| 57) 2,4-Dinitrotoluene | 15.234 | 165 | 232988 | 47.57 | ng | # | 76 |
| 58) Fluorene | 15.928 | 166 | 703025 | 41.70 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.528 | 232 | 176105 | 39.87 | ng | | 97 |
| 60) Diethylphthalate | 15.669 | 149 | 743695 | 42.72 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.904 | 204 | 376670 | 40.88 | ng | | 98 |
| 62) 4-Nitroaniline | 15.934 | 138 | 201402 | 47.84 | ng | | 88 |
| 63) Azobenzene | 16.198 | 77 | 665109 | 40.47 | ng | | 85 |
| 65) 4,6-Dinitro-2-methylph... | 16.016 | 198 | 99515 | 37.73 | ng | | 86 |
| 66) n-Nitrosodiphenylamine | 16.116 | 169 | 621911 | 39.75 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.798 | 248 | 238694 | 39.92 | ng | | 98 |
| 68) Hexachlorobenzene | 16.963 | 284 | 272766 | 39.98 | ng | | 98 |
| 69) Atrazine | 17.051 | 200 | 208694 | 40.64 | ng | | 99 |
| 70) Pentachlorophenol | 17.298 | 266 | 133455 | 40.89 | ng | | 98 |
| 71) Phenanthrene | 17.663 | 178 | 1157482 | 40.36 | ng | | 99 |
| 72) Anthracene | 17.751 | 178 | 1136808 | 41.04 | ng | | 99 |
| 73) Carbazole | 18.010 | 167 | 1090808 | 42.45 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.522 | 149 | 1308584 | 43.99 | ng | | 99 |
| 75) Fluoranthene | 19.598 | 202 | 1419541 | 42.90 | ng | | 99 |
| 77) Benzidine | 19.745 | 184 | 452247 | 35.14 | ng | | 100 |
| 78) Pyrene | 19.951 | 202 | 1462860 | 39.51 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.763 | 149 | 632258 | 45.83 | ng | # | 86 |
| 81) Benzo(a)anthracene | 21.639 | 228 | 1471985 | 40.91 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 21.551 | 252 | 534150 | 43.04 | ng | | 99 |
| 83) Chrysene | 21.698 | 228 | 1410626 | 40.81 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.510 | 149 | 871510 | 42.86 | ng | | 99 |
| 85) Di-n-octyl phthalate | 22.439 | 149 | 1509716 | 44.56 | ng | # | 87 |
| 87) Indeno(1,2,3-cd)pyrene | 26.698 | 276 | 1945808 | 42.77 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 23.380 | 252 | 1583559 | 38.37 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 23.427 | 252 | 1472170 | 36.12 | ng | | 98 |
| 90) Benzo(a)pyrene | 24.021 | 252 | 1488943 | 38.97 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 26.692 | 278 | 1623736 | 42.81 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 27.486 | 276 | 1604920 | 43.72 | ng | | 97 |

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

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