Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010421\
Data File : BF122909.D
Acq On : 4 Jan 2021 14:45
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 04 15:35:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 15:53:00 2020
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDCCC040

**Manual Integrations APPROVED**

mohammad

1/5/2021 12:29:36 PM

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.822 | 152 | 129680 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.110 | 136 | 473650 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.868 | 164 | 249000 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.362 | 188 | 451101 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.015 | 240 | 344248 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.486 | 264 | 321534 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.439 | 112 | 639370 | 78.06 | ng | | 0.00 |
| 7) Phenol-d6 | 6.469 | 99 | 806772 | 74.26 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.392 | 82 | 698955 | 73.93 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.668 | 330 | 239243 | 73.40 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.192 | 172 | 1273248 | 69.16 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.951 | 244 | 1467792 | 74.63 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.563 | 88 | 145649 | 37.83 | ng | | 97 |
| 3) Pyridine | 3.304 | 79 | 378049 | 37.15 | ng | | 98 |
| 4) n-Nitrosodimethylamine | 3.263 | 42 | 136508 | 33.45 | ng | | 99 |
| 6) Aniline | 6.486 | 93 | 460405 | 36.00 | ng | # | 74 |
| 8) 2-Chlorophenol | 6.616 | 128 | 346055 | 38.33 | ng | | 95 |
| 9) Benzaldehyde | 6.375 | 77 | 253279 | 38.52 | ng | | 98 |
| 10) Phenol | 6.480 | 94 | 411412 | 36.55 | ng | | 88 |
| 11) bis(2-Chloroethyl)ether | 6.563 | 93 | 319479 | 37.15 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.763 | 146 | 406761 | 38.08 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.839 | 146 | 410744 | 38.13 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 6.998 | 146 | 372553 | 35.83 | ng | | 98 |
| 15) Benzyl Alcohol | 6.975 | 79 | 274011 | 36.63 | ng | | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.104 | 45 | 399397 | 32.57 | ng | | 90 |
| 17) 2-Methylphenol | 7.086 | 107 | 274126 | 38.20 | ng | | 97 |
| 18) Hexachloroethane | 7.333 | 117 | 144624 | 37.68 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.245 | 70 | 214570 | 34.48 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.245 | 107 | 335737 | 37.03 | ng | # | 86 |
| 22) Acetophenone | 7.239 | 105 | 438586 | 37.24 | ng | | 99 |
| 24) Nitrobenzene | 7.410 | 77 | 346992 | 36.90 | ng | | 99 |
| 25) Isophorone | 7.651 | 82 | 582164 | 35.75 | ng | | 100 |
| 26) 2-Nitrophenol | 7.727 | 139 | 185828 | 40.51 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.769 | 122 | 251026 | 37.34 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.857 | 93 | 407571 | 36.55 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.974 | 162 | 295034 | 37.58 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.057 | 180 | 328938 | 36.98 | ng | | 97 |
| 31) Naphthalene | 8.133 | 128 | 977801 | 37.41 | ng | | 100 |
| 32) Benzoic acid | 7.916 | 122 | 168815 | 31.51 | ng | | 93 |
| 33) 4-Chloroaniline | 8.186 | 127 | 410637 | 37.58 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.251 | 225 | 202327 | 36.96 | ng | | 98 |
| 35) Caprolactam | 8.569 | 113 | 89289m | 37.76 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.674 | 107 | 290544 | 37.57 | ng | | 100 |
| 37) 2-Methylnaphthalene | 8.827 | 142 | 640806 | 37.06 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.927 | 142 | 601133 | 36.75 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 8.992 | 216 | 310246 | 37.62 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 8.980 | 237 | 140619 | 38.56 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.110 | 196 | 207493 | 36.43 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.157 | 196 | 213290 | 36.23 | ng | 96 |
| 46) 1,1'-Biphenyl | 9.292 | 154 | 767223 | 37.13 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.316 | 162 | 642201 | 37.51 | ng | 99 |
| 48) 2-Nitroaniline | 9.416 | 65 | 186867 | 37.44 | ng | 92 |
| 49) Acenaphthylene | 9.733 | 152 | 940437 | 37.19 | ng | 99 |
| 50) Dimethylphthalate | 9.592 | 163 | 746412 | 37.53 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 9.663 | 165 | 164405 | 39.14 | ng | 93 |
| 52) Acenaphthene | 9.904 | 154 | 566739 | 34.64 | ng | 98 |
| 53) 3-Nitroaniline | 9.833 | 138 | 185869 | 38.30 | ng | 100 |
| 54) 2,4-Dinitrophenol | 9.945 | 184 | 98777 | 48.10 | ng | 96 |
| 55) Dibenzofuran | 10.080 | 168 | 833632 | 36.22 | ng | 98 |
| 56) 4-Nitrophenol | 10.004 | 139 | 134028 | 38.73 | ng | 91 |
| 57) 2,4-Dinitrotoluene | 10.068 | 165 | 210262 | 37.58 | ng | 98 |
| 58) Fluorene | 10.421 | 166 | 665661 | 36.36 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.204 | 232 | 183145 | 35.40 | ng | 100 |
| 60) Diethylphthalate | 10.292 | 149 | 708260 | 36.62 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.410 | 204 | 335119 | 37.18 | ng | 99 |
| 62) 4-Nitroaniline | 10.451 | 138 | 191199 | 38.81 | ng | 95 |
| 63) Azobenzene | 10.574 | 77 | 632401 | 35.57 | ng | 94 |
| 65) 4,6-Dinitro-2-methylph... | 10.486 | 198 | 107287 | 39.00 | ng | 90 |
| 66) n-Nitrosodiphenylamine | 10.533 | 169 | 588339 | 36.91 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 10.904 | 248 | 228371 | 37.36 | ng | 93 |
| 68) Hexachlorobenzene | 10.974 | 284 | 250925 | 37.13 | ng | 99 |
| 69) Atrazine | 11.062 | 200 | 168814 | 32.61 | ng | 98 |
| 70) Pentachlorophenol | 11.174 | 266 | 135366 | 37.81 | ng | 98 |
| 71) Phenanthrene | 11.386 | 178 | 986038 | 36.78 | ng | 100 |
| 72) Anthracene | 11.439 | 178 | 996727 | 37.49 | ng | 99 |
| 73) Carbazole | 11.598 | 167 | 903274 | 37.47 | ng | 98 |
| 74) Di-n-butylphthalate | 11.921 | 149 | 1096829 | 36.21 | ng | 99 |
| 75) Fluoranthene | 12.580 | 202 | 1021868 | 36.35 | ng | 100 |
| 77) Benzidine | 12.704 | 184 | 340839 | 45.77 | ng | 99 |
| 78) Pyrene | 12.809 | 202 | 1017815 | 38.24 | ng | 99 |
| 80) Butylbenzylphthalate | 13.427 | 149 | 444567 | 37.08 | ng | 92 |
| 81) Benzo(a)anthracene | 14.003 | 228 | 877189 | 38.13 | ng | 98 |
| 82) 3,3'-Dichlorobenzidine | 13.962 | 252 | 302413 | 36.70 | ng | 100 |
| 83) Chrysene | 14.045 | 228 | 857368 | 37.45 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 13.986 | 149 | 589181 | 35.89 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.598 | 149 | 922846 | 33.89 | ng | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 16.974 | 276 | 832316 | 39.44 | ng | 100 |
| 88) Benzo(b)fluoranthene | 15.062 | 252 | 808776 | 35.85 | ng | 98 |
| 89) Benzo(k)fluoranthene | 15.092 | 252 | 795110 | 38.55 | ng | 99 |
| 90) Benzo(a)pyrene | 15.427 | 252 | 736684 | 37.33 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 16.980 | 278 | 683895 | 39.59 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 17.415 | 276 | 681477 | 40.76 | ng | 99 |

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

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