Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092122\
Data File : BP011772.D
Acq On : 21 Sep 2022 17:59
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 22 01:35:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 22 01:30:01 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTDICCC040

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 09/22/2022
Supervised By :Jagrut Upadhyay 09/22/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.922 | 152 | 295307 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.734 | 136 | 1375275 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.569 | 164 | 862931 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.322 | 188 | 1768045 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.404 | 240 | 1722040 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.845 | 264 | 1715383 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.481 | 112 | 1376093 | 84.819 | ng | 0.00 |
| 7) Phenol-d6 | 7.081 | 99 | 2076219 | 96.003 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.093 | 82 | 2176188 | 93.845 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.057 | 330 | 497082 | 73.725 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.192 | 172 | 4504562 | 81.143 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.874 | 244 | 6339002 | 80.048 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.358 | 88 | 284603 | 39.834 | ng | 100 |
| 3) Pyridine | 3.764 | 79 | 938224 | 45.549 | ng | 100 |
| 4) n-Nitrosodimethylamine | 3.675 | 42 | 402132 | 50.925 | ng | 100 |
| 6) Aniline | 7.246 | 93 | 1296845 | 48.679 | ng | 100 |
| 8) 2-Chlorophenol | 7.481 | 128 | 847303 | 44.045 | ng | 100 |
| 9) Benzaldehyde | 7.057 | 77 | 624142 | 45.087 | ng | 100 |
| 10) Phenol | 7.110 | 94 | 1163245 | 47.822 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.346 | 93 | 899230 | 46.407 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.810 | 146 | 871756 | 40.863 | ng | 100 |
| 13) 1,4-Dichlorobenzene | 7.957 | 146 | 893575 | 41.186 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.275 | 146 | 876608 | 42.384 | ng | 100 |
| 15) Benzyl Alcohol | 8.163 | 79 | 784870 | 50.837 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.457 | 45 | 1501622 | 58.017 | ng | 100 |
| 17) 2-Methylphenol | 8.363 | 107 | 768790 | 48.678 | ng | 100 |
| 18) Hexachloroethane | 9.010 | 117 | 338266 | 45.077 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.740 | 70 | 773998 | 55.276 | ng | 100 |
| 20) 3+4-Methylphenols | 8.693 | 107 | 1090220 | 50.263 | ng | 100 |
| 22) Acetophenone | 8.752 | 105 | 1428555 | 44.310 | ng | 100 |
| 24) Nitrobenzene | 9.134 | 77 | 1122609 | 46.529 | ng | 100 |
| 25) Isophorone | 9.663 | 82 | 2064331 | 50.324 | ng | 100 |
| 26) 2-Nitrophenol | 9.846 | 139 | 425381 | 42.976 | ng | 100 |
| 27) 2,4-Dimethylphenol | 9.904 | 122 | 732588 | 42.716 | ng | 100 |
| 28) bis(2-Chloroethoxy)met... | 10.146 | 93 | 1181486 | 45.041 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.381 | 162 | 791884 | 41.682 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.593 | 180 | 798986 | 37.987 | ng | 100 |
| 31) Naphthalene | 10.787 | 128 | 2984654 | 41.820 | ng | 100 |
| 32) Benzoic acid | 10.040 | 122 | 586850 | 45.727 | ng | 100 |
| 33) 4-Chloroaniline | 10.898 | 127 | 1272010 | 45.428 | ng | 100 |
| 34) Hexachlorobutadiene | 11.069 | 225 | 401536 | 34.656 | ng | 100 |
| 35) Caprolactam | 11.693 | 113 | 324265 | 52.676 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 12.016 | 107 | 966157 | 47.287 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.393 | 142 | 2082992 | 43.612 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.610 | 142 | 2061002 | 44.136 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.757 | 216 | 803948 | 35.300 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.740 | 237 | 404480 | 35.580 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.998 | 196 | 609324 | 39.331 | ng | 100 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.069 | 196 | 686171 | 39.614 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.404 | 154 | 2571191 | 40.958 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.445 | 162 | 1997880 | 40.449 | ng | 100 |
| 48) 2-Nitroaniline | 13.645 | 65 | 755795 | 54.565 | ng | 100 |
| 49) Acenaphthylene | 14.287 | 152 | 3366898 | 44.055 | ng | 100 |
| 50) Dimethylphthalate | 14.028 | 163 | 2618313 | 43.493 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.145 | 165 | 560942 | 45.950 | ng | 100 |
| 52) Acenaphthene | 14.634 | 154 | 2047278 | 40.271 | ng | 100 |
| 53) 3-Nitroaniline | 14.475 | 138 | 695615 | 49.413 | ng | 100 |
| 54) 2,4-Dinitrophenol | 14.675 | 184 | 240591 | 40.457 | ng | 100 |
| 55) Dibenzofuran | 14.963 | 168 | 3111935 | 42.508 | ng | 100 |
| 56) 4-Nitrophenol | 14.775 | 139 | 558233 | 47.062 | ng | 100 |
| 57) 2,4-Dinitrotoluene | 14.928 | 165 | 764929 | 48.374 | ng | 100 |
| 58) Fluorene | 15.616 | 166 | 2678387 | 45.107 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.192 | 232 | 559046m | 39.286 | ng | |
| 60) Diethylphthalate | 15.392 | 149 | 2738118 | 45.685 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.610 | 204 | 1127872 | 41.092 | ng | 100 |
| 62) 4-Nitroaniline | 15.639 | 138 | 750111 | 53.008 | ng | 100 |
| 63) Azobenzene | 15.904 | 77 | 2983908 | 51.807 | ng | 100 |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 198 | 341272 | 39.469 | ng | 100 |
| 66) n-Nitrosodiphenylamine | 15.828 | 169 | 2204647 | 41.909 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.504 | 248 | 607787 | 36.722 | ng | 100 |
| 68) Hexachlorobenzene | 16.622 | 284 | 648053 | 36.356 | ng | 100 |
| 69) Atrazine | 16.781 | 200 | 660601 | 41.139 | ng | 100 |
| 70) Pentachlorophenol | 16.963 | 266 | 418049 | 36.969 | ng | 100 |
| 71) Phenanthrene | 17.363 | 178 | 4120830 | 42.834 | ng | 100 |
| 72) Anthracene | 17.451 | 178 | 4015630 | 44.133 | ng | 100 |
| 73) Carbazole | 17.722 | 167 | 3924960 | 45.725 | ng | 100 |
| 74) Di-n-butylphthalate | 18.275 | 149 | 4842410 | 46.804 | ng | 100 |
| 75) Fluoranthene | 19.322 | 202 | 4622932 | 44.555 | ng | 100 |
| 77) Benzidine | 19.504 | 184 | 1279601 | 31.246 | ng | 100 |
| 78) Pyrene | 19.680 | 202 | 4814425 | 41.451 | ng | 100 |
| 80) Butylbenzylphthalate | 20.545 | 149 | 2203564 | 45.275 | ng | 100 |
| 81) Benzo(a)anthracene | 21.386 | 228 | 4776053 | 43.030 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.316 | 252 | 1392011 | 41.292 | ng | 100 |
| 83) Chrysene | 21.439 | 228 | 4468675 | 42.138 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.310 | 149 | 3386207 | 48.363 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.245 | 149 | 5595117 | 46.568 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.409 | 276 | 5737515 | 46.426 | ng | 100 |
| 88) Benzo(b)fluoranthene | 23.098 | 252 | 4459898 | 42.038 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.151 | 252 | 4677769 | 43.753 | ng | 100 |
| 90) Benzo(a)pyrene | 23.739 | 252 | 3832358 | 43.726 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 26.427 | 278 | 4751646 | 46.304 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 27.198 | 276 | 4550219 | 45.482 | ng | 100 |

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

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