Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081224\
Data File : BM047151.D
Acq On : 12 Aug 2024 10:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 12:05:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/14/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.375 | 152 | 208548 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.127 | 136 | 919233 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.033 | 164 | 654146 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.792 | 188 | 1480603 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.033 | 240 | 1414085 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.727 | 264 | 1780647 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.022 | 112 | 892894 | 76.503 | ng | 0.00 |
| 7) Phenol-d6 | 6.581 | 99 | 1243186 | 77.303 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.522 | 82 | 1421190 | 77.849 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.539 | 330 | 642308 | 84.682 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.639 | 172 | 3128356 | 73.769 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.462 | 244 | 5159238 | 78.178 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.034 | 88 | 186578 | 38.582 | ng | 99 |
| 3) Pyridine | 3.410 | 79 | 570119m | 40.204 | ng | |
| 4) n-Nitrosodimethylamine | 3.328 | 42 | 247122 | 39.888 | ng | 96 |
| 6) Aniline | 6.722 | 93 | 632369 | 41.602 | ng | 99 |
| 8) 2-Chlorophenol | 6.951 | 128 | 507900 | 39.899 | ng | 99 |
| 9) Benzaldehyde | 6.534 | 77 | 310310 | 34.973 | ng | 98 |
| 10) Phenol | 6.610 | 94 | 611554 | 38.110 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 6.822 | 93 | 552876 | 40.232 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 7.263 | 146 | 592678 | 39.181 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.410 | 146 | 606428 | 39.595 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 7.716 | 146 | 562769 | 38.944 | ng | 98 |
| 15) Benzyl Alcohol | 7.622 | 79 | 475819 | 41.572 | ng | 100 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.910 | 45 | 728000 | 41.284 | ng | 100 |
| 17) 2-Methylphenol | 7.828 | 107 | 442039 | 41.290 | ng | 98 |
| 18) Hexachloroethane | 8.428 | 117 | 245560 | 41.392 | ng | 97 |
| 19) n-Nitroso-di-n-propyla... | 8.186 | 70 | 437413 | 40.379 | ng | 99 |
| 20) 3+4-Methylphenols | 8.157 | 107 | 624560 | 41.730 | ng | 98 |
| 22) Acetophenone | 8.192 | 105 | 809913 | 36.501 | ng | 98 |
| 24) Nitrobenzene | 8.563 | 77 | 725805 | 39.483 | ng | 99 |
| 25) Isophorone | 9.086 | 82 | 1256567 | 39.532 | ng | 99 |
| 26) 2-Nitrophenol | 9.263 | 139 | 322749 | 39.645 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.339 | 122 | 381773 | 40.034 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 9.575 | 93 | 808692 | 40.433 | ng | 99 |
| 29) 2,4-Dichlorophenol | 9.792 | 162 | 563792 | 39.845 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 9.998 | 180 | 609035 | 38.035 | ng | 99 |
| 31) Naphthalene | 10.180 | 128 | 1754672 | 38.318 | ng | 100 |
| 32) Benzoic acid | 9.516 | 122 | 470853 | 42.499 | ng | 99 |
| 33) 4-Chloroaniline | 10.304 | 127 | 737686 | 41.890 | ng | 99 |
| 34) Hexachlorobutadiene | 10.463 | 225 | 356492 | 38.036 | ng | 99 |
| 35) Caprolactam | 11.110 | 113 | 213722 | 43.494 | ng | 100 |
| 36) 4-Chloro-3-methylphenol | 11.451 | 107 | 633755 | 42.056 | ng | 98 |
| 37) 2-Methylnaphthalene | 11.804 | 142 | 1280920 | 39.286 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.027 | 142 | 1276021 | 39.599 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.186 | 216 | 652072 | 36.547 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.163 | 237 | 237406 | 38.105 | ng | 98 |
| 43) 2,4,6-Trichlorophenol | 12.445 | 196 | 484531 | 38.207 | ng | 97 |

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|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.516 | 196 | 543982 | 38.634 | ng | 96 |
| 46) 1,1'-Biphenyl | 12.851 | 154 | 1726690 | 37.078 | ng | 99 |
| 47) 2-Chloronaphthalene | 12.886 | 162 | 1348162 | 37.038 | ng | 100 |
| 48) 2-Nitroaniline | 13.110 | 65 | 476203 | 41.761 | ng | 95 |
| 49) Acenaphthylene | 13.745 | 152 | 2071676 | 38.612 | ng | 100 |
| 50) Dimethylphthalate | 13.515 | 163 | 1822570 | 39.893 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.627 | 165 | 429849 | 40.249 | ng | 98 |
| 52) Acenaphthene | 14.098 | 154 | 1315412 | 38.650 | ng | 100 |
| 53) 3-Nitroaniline | 13.957 | 138 | 453216 | 42.350 | ng | 95 |
| 54) 2,4-Dinitrophenol | 14.174 | 184 | 270595 | 42.275 | ng | 98 |
| 55) Dibenzofuran | 14.439 | 168 | 2081182 | 38.714 | ng | 99 |
| 56) 4-Nitrophenol | 14.292 | 139 | 403599 | 43.736 | ng | 91 |
| 57) 2,4-Dinitrotoluene | 14.427 | 165 | 599300 | 42.042 | ng | 96 |
| 58) Fluorene | 15.092 | 166 | 1770151 | 39.907 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.674 | 232 | 463368 | 40.042 | ng | 97 |
| 60) Diethylphthalate | 14.892 | 149 | 1943451 | 41.657 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.098 | 204 | 828620 | 39.239 | ng | 99 |
| 62) 4-Nitroaniline | 15.133 | 138 | 456557 | 43.305 | ng | 96 |
| 63) Azobenzene | 15.392 | 77 | 1844351 | 41.694 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.198 | 198 | 363076 | 41.884 | ng | 98 |
| 66) n-Nitrosodiphenylamine | 15.321 | 169 | 1538993 | 38.162 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 15.992 | 248 | 544916 | 38.193 | ng | 95 |
| 68) Hexachlorobenzene | 16.098 | 284 | 663319 | 38.819 | ng | 98 |
| 69) Atrazine | 16.292 | 200 | 505062 | 41.619 | ng | 99 |
| 70) Pentachlorophenol | 16.451 | 266 | 485836 | 40.561 | ng | 98 |
| 71) Phenanthrene | 16.833 | 178 | 2906855 | 39.120 | ng | 100 |
| 72) Anthracene | 16.927 | 178 | 2853566 | 39.468 | ng | 99 |
| 73) Carbazole | 17.203 | 167 | 2959919 | 40.096 | ng | 100 |
| 74) Di-n-butylphthalate | 17.792 | 149 | 3567201 | 41.529 | ng | 100 |
| 75) Fluoranthene | 18.868 | 202 | 3649002 | 40.374 | ng | 100 |
| 77) Benzidine | 19.074 | 184 | 1491270 | 62.186 | ng | 99 |
| 78) Pyrene | 19.233 | 202 | 3867046 | 38.299 | ng | 99 |
| 80) Butylbenzylphthalate | 20.174 | 149 | 1716787 | 41.664 | ng | 99 |
| 81) Benzo(a)anthracene | 21.015 | 228 | 3703576 | 39.452 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 20.956 | 252 | 1244016 | 42.354 | ng | 99 |
| 83) Chrysene | 21.074 | 228 | 3468062 | 38.938 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 20.974 | 149 | 2428011 | 41.549 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.009 | 149 | 4208330 | 42.369 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.726 | 276 | 4738171 | 41.167 | ng | 100 |
| 88) Benzo(b)fluoranthene | 22.885 | 252 | 4156383 | 39.306 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.944 | 252 | 3857875 | 38.624 | ng | 100 |
| 90) Benzo(a)pyrene | 23.603 | 252 | 3650777 | 39.854 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 26.779 | 278 | 3813537 | 40.942 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.662 | 276 | 4054202 | 41.922 | ng | 100 |

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

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