Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022724\
Data File : BP019900.D
Acq On : 27 Feb 2024 17:08
Operator : MA/JU
Sample : P1523-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
20240765-COMPOSITE-39N-N-3-03MS

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 27 17:39:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 02:05:05 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.899 | 152 | 124275 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.699 | 136 | 488358 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.540 | 164 | 351513 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.304 | 188 | 777208 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.404 | 240 | 660820 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.821 | 264 | 593481 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.469 | 112 | 854290 | 112.831 | ng | 0.00 |
| 7) Phenol-d6 | 7.075 | 99 | 1092722 | 96.935 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.075 | 82 | 743274 | 61.445 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.039 | 330 | 557361 | 92.474 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.169 | 172 | 1474358 | 56.670 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.875 | 244 | 2233383 | 53.269 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.375 | 88 | 110909 | 42.351 | ng | 97 |
| 3) Pyridine | 3.775 | 79 | 319374m | 39.873 | ng | |
| 4) n-Nitrosodimethylamine | 3.699 | 42 | 166398 | 50.413 | ng | 92 |
| 6) Aniline | 7.234 | 93 | 329327 | 23.815 | ng | 98 |
| 8) 2-Chlorophenol | 7.458 | 128 | 367644 | 45.029 | ng | 97 |
| 9) Benzaldehyde | 7.046 | 77 | 69091m | 10.738 | ng | |
| 10) Phenol | 7.105 | 94 | 500090 | 44.490 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.334 | 93 | 359117 | 40.564 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.781 | 146 | 393141 | 44.351 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.934 | 146 | 401274 | 44.703 | ng | 98 |
| 14) 1,2-Dichlorobenzene | 8.246 | 146 | 387700 | 43.055 | ng | 100 |
| 15) Benzyl Alcohol | 8.152 | 79 | 405622m | 40.787 | ng | |
| 16) 2,2'-oxybis(1-Chloropr... | 8.422 | 45 | 377320m | 39.918 | ng | |
| 17) 2-Methylphenol | 8.352 | 107 | 318770 | 37.919 | ng | 99 |
| 18) Hexachloroethane | 8.963 | 117 | 154542 | 44.429 | ng | 100 |
| 19) n-Nitroso-di-n-propyla... | 8.722 | 70 | 318346 | 37.383 | ng | 100 |
| 20) 3+4-Methylphenols | 8.681 | 107 | 452959 | 37.499 | ng | 98 |
| 22) Acetophenone | 8.734 | 105 | 601948 | 39.687 | ng | 99 |
| 24) Nitrobenzene | 9.116 | 77 | 474020 | 40.476 | ng | 99 |
| 25) Isophorone | 9.640 | 82 | 859979 | 40.844 | ng | 99 |
| 26) 2-Nitrophenol | 9.822 | 139 | 203771 | 43.485 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.881 | 122 | 220650 | 28.523 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 10.128 | 93 | 485768 | 41.341 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.352 | 162 | 395226 | 45.804 | ng | 98 |
| 30) 1,2,4-Trichlorobenzene | 10.563 | 180 | 425003 | 44.834 | ng | 99 |
| 31) Naphthalene | 10.751 | 128 | 1111678 | 42.515 | ng | 99 |
| 32) Benzoic acid | 10.069 | 122 | 282504 | 43.104 | ng | 98 |
| 33) 4-Chloroaniline | 10.881 | 127 | 226774 | 19.089 | ng | 98 |
| 34) Hexachlorobutadiene | 11.016 | 225 | 302258 | 43.847 | ng | 97 |
| 35) Caprolactam | 11.698 | 113 | 124941m | 39.265 | ng | |
| 36) 4-Chloro-3-methylphenol | 12.004 | 107 | 445036 | 41.810 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.363 | 142 | 807122 | 39.764 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.581 | 142 | 766815 | 39.925 | ng | 98 |
| 40) 1,2,4,5-Tetrachloroben... | 12.728 | 216 | 550712 | 45.864 | ng | 100 |
| 41) Hexachlorocyclopentadiene | 12.693 | 237 | 551058 | 88.633 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.975 | 196 | 361295 | 45.572 | ng | 98 |

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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 | 13.051 | 196 | 395494 | 41.878 | ng | 99 |
| 46) 1,1'-Biphenyl | 13.375 | 154 | 1130059 | 44.899 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.416 | 162 | 891947 | 45.658 | ng | 100 |
| 48) 2-Nitroaniline | 13.640 | 65 | 306469 | 43.406 | ng | 99 |
| 49) Acenaphthylene | 14.263 | 152 | 1419970 | 44.865 | ng | 99 |
| 50) Dimethylphthalate | 14.016 | 163 | 1161189 | 40.466 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.140 | 165 | 254868 | 41.269 | ng | 93 |
| 52) Acenaphthene | 14.604 | 154 | 810000 | 42.623 | ng | 99 |
| 53) 3-Nitroaniline | 14.469 | 138 | 196391 | 32.125 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.687 | 184 | 355225 | 88.238 | ng | 100 |
| 55) Dibenzofuran | 14.945 | 168 | 1382368 | 42.623 | ng | 98 |
| 56) 4-Nitrophenol | 14.787 | 139 | 427745 | 89.445 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.934 | 165 | 366092 | 41.651 | ng | 95 |
| 58) Fluorene | 15.598 | 166 | 1125655 | 42.794 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.169 | 232 | 367661 | 42.433 | ng | 100 |
| 60) Diethylphthalate | 15.381 | 149 | 1179465 | 41.605 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.592 | 204 | 633635 | 42.121 | ng | 99 |
| 62) 4-Nitroaniline | 15.639 | 138 | 241970m | 38.001 | ng | |
| 63) Azobenzene | 15.887 | 77 | 1157155 | 43.847 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.692 | 198 | 231987 | 43.977 | ng | 93 |
| 66) n-Nitrosodiphenylamine | 15.816 | 169 | 964980 | 43.270 | ng | 100 |
| 67) 4-Bromophenyl-phenylether | 16.492 | 248 | 414678 | 43.151 | ng | 98 |
| 68) Hexachlorobenzene | 16.592 | 284 | 475027 | 45.835 | ng | 98 |
| 69) Atrazine | 16.781 | 200 | 397357 | 42.583 | ng | 100 |
| 70) Pentachlorophenol | 16.951 | 266 | 577002 | 75.321 | ng | 98 |
| 71) Phenanthrene | 17.345 | 178 | 1803933 | 43.484 | ng | 100 |
| 72) Anthracene | 17.439 | 178 | 1805131 | 42.625 | ng | 100 |
| 73) Carbazole | 17.716 | 167 | 1581376 | 42.162 | ng | 100 |
| 74) Di-n-butylphthalate | 18.275 | 149 | 1965360 | 41.897 | ng | 100 |
| 75) Fluoranthene | 19.316 | 202 | 2159482 | 40.110 | ng | 100 |
| 77) Benzidine | 19.510 | 184 | 110963 | 5.846 | ng | 99 |
| 78) Pyrene | 19.669 | 202 | 2187365 | 48.177 | ng | 99 |
| 80) Butylbenzylphthalate | 20.557 | 149 | 849548 | 46.792 | ng | 98 |
| 81) Benzo(a)anthracene | 21.386 | 228 | 2049073 | 43.683 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.327 | 252 | 544874 | 30.286 | ng | 98 |
| 83) Chrysene | 21.445 | 228 | 1881407 | 42.804 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.322 | 149 | 1167668 | 44.803 | ng | 99 |
| 85) Di-n-octyl phthalate | 22.263 | 149 | 1838695 | 42.392 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 26.368 | 276 | 1831407 | 43.833 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.086 | 252 | 1737990 | 47.766 | ng | 100 |
| 89) Benzo(k)fluoranthene | 23.139 | 252 | 1700108 | 47.643 | ng | 100 |
| 90) Benzo(a)pyrene | 23.721 | 252 | 1493793 | 42.959 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 26.392 | 278 | 1503727 | 42.812 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 27.151 | 276 | 1443620 | 42.576 | ng | 99 |

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

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