Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053124\
Data File : BF138090.D
Acq On : 31 May 2024 16:16
Operator : CG\JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 01 01:14:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 01 01:06:32 2024
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SSTDICC050

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.034 | 152 | 122528 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.322 | 136 | 472080 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.086 | 164 | 265629 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.580 | 188 | 438052 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.239 | 240 | 252101 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.804 | 264 | 249257 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.663 | 112 | 645945 | 94.241 | ng | | 0.00 |
| 7) Phenol-d6 | 6.663 | 99 | 831035 | 94.154 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.604 | 82 | 780413 | 96.329 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.880 | 330 | 291344 | 94.030 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.398 | 172 | 1646189 | 91.864 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.168 | 244 | 1681451 | 96.477 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.946 | 88 | 145622 | 48.936 | ng | | 99 |
| 3) Pyridine | 3.716 | 79 | 333820 | 50.752 | ng | | 100 |
| 4) n-Nitrosodimethylamine | 3.693 | 42 | 143377 | 49.642 | ng | | 99 |
| 6) Aniline | 6.710 | 93 | 198537m | 48.007 | ng | | |
| 8) 2-Chlorophenol | 6.828 | 128 | 372149 | 47.329 | ng | | 95 |
| 9) Benzaldehyde | 6.592 | 77 | 148848 | 37.936 | ng | | 99 |
| 10) Phenol | 6.681 | 94 | 413789 | 47.266 | ng | | 96 |
| 11) bis(2-Chloroethyl)ether | 6.769 | 93 | 327963 | 45.344 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.981 | 146 | 435855 | 47.702 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 7.057 | 146 | 441707 | 48.090 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 7.210 | 146 | 410044 | 47.180 | ng | | 99 |
| 15) Benzyl Alcohol | 7.175 | 79 | 197315 | 49.427 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.304 | 45 | 382624 | 47.997 | ng | | 99 |
| 17) 2-Methylphenol | 7.287 | 107 | 298539 | 47.300 | ng | | 98 |
| 18) Hexachloroethane | 7.551 | 117 | 151299 | 48.492 | ng | | 100 |
| 19) n-Nitroso-di-n-propyla... | 7.451 | 70 | 237617 | 46.426 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.439 | 107 | 373603 | 47.087 | ng | # | 84 |
| 22) Acetophenone | 7.445 | 105 | 503442 | 47.335 | ng | # | 98 |
| 24) Nitrobenzene | 7.622 | 77 | 390510 | 48.429 | ng | | 98 |
| 25) Isophorone | 7.857 | 82 | 666688 | 47.698 | ng | | 99 |
| 26) 2-Nitrophenol | 7.939 | 139 | 214750 | 49.828 | ng | | 93 |
| 27) 2,4-Dimethylphenol | 7.963 | 122 | 253650 | 49.167 | ng | | 95 |
| 28) bis(2-Chloroethoxy)met... | 8.063 | 93 | 406079 | 47.474 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.181 | 162 | 335728 | 48.488 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.257 | 180 | 368540 | 48.029 | ng | | 100 |
| 31) Naphthalene | 8.345 | 128 | 1145936 | 47.178 | ng | | 100 |
| 32) Benzoic acid | 8.098 | 122 | 202431 | 49.607 | ng | | 97 |
| 33) 4-Chloroaniline | 8.457 | 127 | 395400m | 48.289 | ng | | |
| 34) Hexachlorobutadiene | 8.451 | 225 | 235754 | 47.566 | ng | | 98 |
| 35) Caprolactam | 8.781 | 113 | 98863m | 48.548 | ng | | |
| 36) 4-Chloro-3-methylphenol | 8.875 | 107 | 332677 | 47.928 | ng | | 99 |
| 37) 2-Methylnaphthalene | 9.039 | 142 | 753425 | 47.145 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.139 | 142 | 725352 | 46.640 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.204 | 216 | 362707 | 48.105 | ng | | 100 |
| 41) Hexachlorocyclopentadiene | 9.186 | 237 | 141375 | 53.751 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 9.316 | 196 | 240706 | 48.127 | ng | | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.363 | 196 | 265680 | 48.720 | ng | | 98 |
| 46) 1,1'-Biphenyl | 9.504 | 154 | 900066 | 47.111 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.533 | 162 | 722732 | 47.166 | ng | | 99 |
| 48) 2-Nitroaniline | 9.628 | 65 | 183308 | 47.774 | ng | | 99 |
| 49) Acenaphthylene | 9.951 | 152 | 1028492 | 46.901 | ng | | 99 |
| 50) Dimethylphthalate | 9.804 | 163 | 820689 | 46.625 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.869 | 165 | 191355 | 47.353 | ng | | 94 |
| 52) Acenaphthene | 10.122 | 154 | 645666 | 46.490 | ng | | 99 |
| 53) 3-Nitroaniline | 10.045 | 138 | 185083 | 48.118 | ng | | 96 |
| 54) 2,4-Dinitrophenol | 10.151 | 184 | 102657 | 52.251 | ng | # | 88 |
| 55) Dibenzofuran | 10.292 | 168 | 991637 | 46.503 | ng | | 98 |
| 56) 4-Nitrophenol | 10.204 | 139 | 132425 | 51.655 | ng | | 95 |
| 57) 2,4-Dinitrotoluene | 10.275 | 165 | 253450 | 47.562 | ng | | 95 |
| 58) Fluorene | 10.639 | 166 | 792832 | 46.147 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.410 | 232 | 206360 | 47.996 | ng | | 98 |
| 60) Diethylphthalate | 10.498 | 149 | 778805 | 46.584 | ng | | 98 |
| 61) 4-Chlorophenyl-phenyle... | 10.627 | 204 | 402380 | 46.381 | ng | | 98 |
| 62) 4-Nitroaniline | 10.663 | 138 | 150816 | 43.188 | ng | | 98 |
| 63) Azobenzene | 10.786 | 77 | 672094 | 46.783 | ng | | 99 |
| 65) 4,6-Dinitro-2-methylph... | 10.686 | 198 | 143351 | 52.188 | ng | | 85 |
| 66) n-Nitrosodiphenylamine | 10.745 | 169 | 665642 | 48.848 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 11.122 | 248 | 251517 | 48.985 | ng | | 98 |
| 68) Hexachlorobenzene | 11.186 | 284 | 276689 | 48.496 | ng | | 98 |
| 69) Atrazine | 11.275 | 200 | 188360 | 50.067 | ng | | 98 |
| 70) Pentachlorophenol | 11.386 | 266 | 155544 | 52.661 | ng | | 95 |
| 71) Phenanthrene | 11.610 | 178 | 1048173 | 47.570 | ng | | 99 |
| 72) Anthracene | 11.663 | 178 | 1049476 | 47.757 | ng | | 100 |
| 73) Carbazole | 11.816 | 167 | 963002 | 47.166 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.127 | 149 | 1160367 | 47.621 | ng | | 100 |
| 75) Fluoranthene | 12.804 | 202 | 1065515 | 45.831 | ng | | 99 |
| 77) Benzidine | 12.945 | 184 | 120624m | 45.930 | ng | | |
| 78) Pyrene | 13.033 | 202 | 1064397 | 49.699 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.639 | 149 | 377855 | 48.595 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.227 | 228 | 789010 | 47.922 | ng | | 98 |
| 82) 3,3'-Dichlorobenzidine | 14.186 | 252 | 206949 | 46.922 | ng | | 97 |
| 83) Chrysene | 14.263 | 228 | 739277 | 47.555 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.192 | 149 | 506451 | 47.876 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 14.815 | 149 | 760256 | 49.041 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 17.451 | 276 | 784452 | 52.214 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.333 | 252 | 742132 | 48.330 | ng | | 100 |
| 89) Benzo(k)fluoranthene | 15.368 | 252 | 667557 | 45.754 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.739 | 252 | 617963 | 48.143 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.468 | 278 | 646138 | 52.422 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.951 | 276 | 662994 | 52.956 | ng | | 99 |

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

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