Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
Data File : BF138245.D
Acq On : 19 Jun 2024 14:50
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 19 15:48:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

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

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay

06/20/2024
Supervised By :mohammad ahmed

06/21/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.886 | 152 | 355101 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.169 | 136 | 1393888 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.922 | 164 | 780519 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.410 | 188 | 1381044 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.045 | 240 | 740234 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.515 | 264 | 683799 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.504 | 112 | 1593622 | 75.073 | ng | 0.00 |
| 7) Phenol-d6 | 6.516 | 99 | 2032476 | 75.508 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.451 | 82 | 1832583 | 76.539 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.710 | 330 | 618499 | 79.598 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.245 | 172 | 3321600 | 67.671 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.992 | 244 | 3743540 | 80.098 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.675 | 88 | 369808 | 38.068 | ng | 99 |
| 3) Pyridine | 3.428 | 79 | 893775 | 38.711 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.393 | 42 | 399762 | 37.412 | ng | 94 |
| 6) Aniline | 6.545 | 93 | 1029501 | 39.088 | ng | 99 |
| 8) 2-Chlorophenol | 6.675 | 128 | 881130 | 38.394 | ng | 98 |
| 9) Benzaldehyde | 6.439 | 77 | 528404 | 36.960 | ng | 97 |
| 10) Phenol | 6.528 | 94 | 1086124m | 39.761 | ng | |
| 11) bis(2-Chloroethyl)ether | 6.622 | 93 | 853163 | 39.024 | ng | 97 |
| 12) 1,3-Dichlorobenzene | 6.828 | 146 | 973222 | 37.314 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.904 | 146 | 978776 | 37.290 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.057 | 146 | 912028 | 37.014 | ng | 99 |
| 15) Benzyl Alcohol | 7.028 | 79 | 713228 | 39.298 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.163 | 45 | 1158525 | 37.547 | ng | 98 |
| 17) 2-Methylphenol | 7.133 | 107 | 707526 | 39.075 | ng | 99 |
| 18) Hexachloroethane | 7.398 | 117 | 350566 | 39.424 | ng | 94 |
| 19) n-Nitroso-di-n-propyla... | 7.304 | 70 | 601885 | 37.723 | ng | 99 |
| 20) 3+4-Methylphenols | 7.292 | 107 | 854474 | 37.493 | ng | 98 |
| 22) Acetophenone | 7.298 | 105 | 1137132 | 35.712 | ng | 99 |
| 24) Nitrobenzene | 7.469 | 77 | 942112 | 38.071 | ng | 97 |
| 25) Isophorone | 7.710 | 82 | 1664612 | 38.436 | ng | 100 |
| 26) 2-Nitrophenol | 7.786 | 139 | 445360 | 44.756 | ng | 96 |
| 27) 2,4-Dimethylphenol | 7.816 | 122 | 572591 | 37.822 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 7.916 | 93 | 1043196 | 38.480 | ng | 100 |
| 29) 2,4-Dichlorophenol | 8.022 | 162 | 747226 | 38.337 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.110 | 180 | 847560 | 36.873 | ng | 98 |
| 31) Naphthalene | 8.192 | 128 | 2509736 | 36.413 | ng | 99 |
| 32) Benzoic acid | 7.945 | 122 | 585757 | 43.900 | ng | 99 |
| 33) 4-Chloroaniline | 8.239 | 127 | 972023 | 37.732 | ng | 99 |
| 34) Hexachlorobutadiene | 8.304 | 225 | 504618 | 37.537 | ng | 99 |
| 35) Caprolactam | 8.616 | 113 | 248352 | 42.206 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 8.716 | 107 | 767682 | 39.559 | ng | 96 |
| 37) 2-Methylnaphthalene | 8.880 | 142 | 1667461 | 36.862 | ng | 99 |
| 38) 1-Methylnaphthalene | 8.980 | 142 | 1616458 | 36.466 | ng | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.045 | 216 | 823606 | 36.110 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 9.033 | 237 | 308564 | 41.490 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 9.157 | 196 | 556931 | 38.997 | ng | 98 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.192 | 196 | 600202 | 38.270 | ng | | 97 |
| 46) 1,1'-Biphenyl | 9.345 | 154 | 2043621 | 35.682 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.369 | 162 | 1652828 | 36.516 | ng | | 99 |
| 48) 2-Nitroaniline | 9.463 | 65 | 451392 | 41.410 | ng | | 99 |
| 49) Acenaphthylene | 9.786 | 152 | 2310488 | 36.403 | ng | | 100 |
| 50) Dimethylphthalate | 9.645 | 163 | 1866931 | 39.039 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.710 | 165 | 437151 | 42.136 | ng | | 87 |
| 52) Acenaphthene | 9.957 | 154 | 1586872 | 36.665 | ng | | 98 |
| 53) 3-Nitroaniline | 9.874 | 138 | 449661 | 40.571 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 9.980 | 184 | 182210 | 42.960 | ng | # | 86 |
| 55) Dibenzofuran | 10.127 | 168 | 2193812 | 36.259 | ng | | 99 |
| 56) 4-Nitrophenol | 10.027 | 139 | 362314 | 41.367 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 10.110 | 165 | 562355 | 43.947 | ng | | 93 |
| 58) Fluorene | 10.474 | 166 | 1686388 | 35.450 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.245 | 232 | 479440 | 39.116 | ng | | 99 |
| 60) Diethylphthalate | 10.345 | 149 | 1807641 | 39.826 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.463 | 204 | 864134 | 36.474 | ng | | 98 |
| 62) 4-Nitroaniline | 10.492 | 138 | 453517 | 40.954 | ng | | 97 |
| 63) Azobenzene | 10.621 | 77 | 1723773 | 37.908 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.516 | 198 | 278670 | 40.813 | ng | | 90 |
| 66) n-Nitrosodiphenylamine | 10.580 | 169 | 1532487 | 36.245 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.951 | 248 | 577698 | 37.122 | ng | # | 90 |
| 68) Hexachlorobenzene | 11.016 | 284 | 664405 | 36.584 | ng | | 98 |
| 69) Atrazine | 11.110 | 200 | 445539 | 36.996 | ng | | 98 |
| 70) Pentachlorophenol | 11.210 | 266 | 429471 | 40.549 | ng | | 96 |
| 71) Phenanthrene | 11.433 | 178 | 2435828 | 35.665 | ng | | 100 |
| 72) Anthracene | 11.486 | 178 | 2412728 | 35.581 | ng | | 100 |
| 73) Carbazole | 11.639 | 167 | 2228790 | 35.836 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.968 | 149 | 2656352 | 41.256 | ng | | 99 |
| 75) Fluoranthene | 12.621 | 202 | 2517223 | 36.144 | ng | | 99 |
| 77) Benzidine | 12.739 | 184 | 589279 | 68.824 | ng | | 99 |
| 78) Pyrene | 12.851 | 202 | 2565369 | 40.178 | ng | | 100 |
| 80) Butylbenzylphthalate | 13.468 | 149 | 906397 | 52.189 | ng | | 99 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 1748152 | 36.811 | ng | | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.998 | 252 | 546086 | 41.757 | ng | | 99 |
| 83) Chrysene | 14.074 | 228 | 1689987 | 37.334 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149 | 1027582 | 50.871 | ng | | 97 |
| 85) Di-n-octyl phthalate | 14.639 | 149 | 1545442 | 51.500 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.998 | 276 | 1869198 | 41.932 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.086 | 252 | 1522618 | 37.759 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.115 | 252 | 1451034 | 36.717 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.451 | 252 | 1318597 | 38.063 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 17.015 | 278 | 1543322 | 42.180 | ng | | 99 |
| 92) Benzo(g,h,i)perylene | 17.445 | 276 | 1585596 | 41.889 | ng | | 98 |

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

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