Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
Data File : BM039067.D
Acq On : 21 Mar 2023 13:48
Operator : CG/JU
Sample : PB151485BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB151485BS

Quant Time: Mar 22 03:39:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.969 | 152 | 450869 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.781 | 136 | 1750320 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.610 | 164 | 852909 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.351 | 188 | 1474764 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.533 | 240 | 1136583 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.962 | 264 | 1334132 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.522 | 112 | 3330702 | 112.234 | ng | 0.00 |
| 7) Phenol-d6 | 7.134 | 99 | 4015088 | 104.162 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.140 | 82 | 2492774 | 69.957 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.098 | 330 | 956968 | 96.989 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.239 | 172 | 4643681 | 70.877 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.968 | 244 | 4474336 | 71.975 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.393 | 88 | 476989 | 36.129 | ng | 99 |
| 3) Pyridine | 3.799 | 79 | 1232017 | 33.648 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.705 | 42 | 604419 | 40.566 | ng | 97 |
| 6) Aniline | 7.293 | 93 | 1941710 | 38.365 | ng | 99 |
| 8) 2-Chlorophenol | 7.534 | 128 | 1512826 | 47.883 | ng | 98 |
| 9) Benzaldehyde | 7.104 | 77 | 660594 | 36.014 | ng | 97 |
| 10) Phenol | 7.163 | 94 | 1899831 | 46.412 | ng | 97 |
| 11) bis(2-Chloroethyl)ether | 7.393 | 93 | 1534491 | 46.107 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.857 | 146 | 1599326 | 47.633 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 8.004 | 146 | 1635282 | 47.889 | ng | 100 |
| 14) 1,2-Dichlorobenzene | 8.322 | 146 | 1574413 | 47.865 | ng | 99 |
| 15) Benzyl Alcohol | 8.216 | 79 | 1261493 | 45.659 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.498 | 45 | 1967970 | 46.821 | ng | 99 |
| 17) 2-Methylphenol | 8.416 | 107 | 1197747 | 42.595 | ng | 99 |
| 18) Hexachloroethane | 9.057 | 117 | 625365 | 49.636 | ng | 96 |
| 19) n-Nitroso-di-n-propyla... | 8.787 | 70 | 1096241 | 45.152 | ng | 99 |
| 20) 3+4-Methylphenols | 8.745 | 107 | 1576071 | 41.977 | ng | 98 |
| 22) Acetophenone | 8.798 | 105 | 2173619 | 44.262 | ng | 99 |
| 24) Nitrobenzene | 9.181 | 77 | 1653715 | 44.155 | ng | 100 |
| 25) Isophorone | 9.710 | 82 | 2849516 | 43.456 | ng | 100 |
| 26) 2-Nitrophenol | 9.892 | 139 | 765374 | 46.389 | ng | 96 |
| 27) 2,4-Dimethylphenol | 9.957 | 122 | 1296555 | 45.380 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.192 | 93 | 1843012 | 43.744 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.428 | 162 | 1215808 | 44.884 | ng | 100 |
| 30) 1,2,4-Trichlorobenzene | 10.645 | 180 | 1370248 | 46.291 | ng | 99 |
| 31) Naphthalene | 10.834 | 128 | 4336758 | 43.452 | ng | 100 |
| 32) Benzoic acid | 10.098 | 122 | 879064 | 42.659 | ng | 99 |
| 33) 4-Chloroaniline | 10.945 | 127 | 735085 | 17.282 | ng | 99 |
| 34) Hexachlorobutadiene | 11.116 | 225 | 791292 | 46.616 | ng | 99 |
| 35) Caprolactam | 11.734 | 113 | 328650 | 39.864 | ng | 98 |
| 36) 4-Chloro-3-methylphenol | 12.063 | 107 | 1177721 | 40.830 | ng | 99 |
| 37) 2-Methylnaphthalene | 12.439 | 142 | 2769522 | 41.401 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.657 | 142 | 2552458 | 40.716 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.810 | 216 | 1321439 | 47.658 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 12.786 | 237 | 1981832 | 130.213 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 13.045 | 196 | 844169 | 47.015 | ng | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
Data File : BM039067.D
Acq On : 21 Mar 2023 13:48
Operator : CG/JU
Sample : PB151485BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB151485BS

Quant Time: Mar 22 03:39:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 13.116 | 196 | 885900 | 42.153 | ng | 97 |
| 46) 1,1'-Biphenyl | 13.445 | 154 | 3340641 | 46.233 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.486 | 162 | 2587498 | 47.489 | ng | 99 |
| 48) 2-Nitroaniline | 13.692 | 65 | 727342 | 41.985 | ng | 95 |
| 49) Acenaphthylene | 14.333 | 152 | 3874612 | 44.644 | ng | 99 |
| 50) Dimethylphthalate | 14.069 | 163 | 2738547 | 41.727 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 14.186 | 165 | 593957 | 41.139 | ng | 99 |
| 52) Acenaphthene | 14.675 | 154 | 2308373 | 43.279 | ng | 99 |
| 53) 3-Nitroaniline | 14.516 | 138 | 429903 | 26.087 | ng | 97 |
| 54) 2,4-Dinitrophenol | 14.722 | 184 | 706890 | 84.426 | ng | 91 |
| 55) Dibenzofuran | 15.010 | 168 | 3499572 | 41.929 | ng | 99 |
| 56) 4-Nitrophenol | 14.822 | 139 | 1091667 | 83.752 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.969 | 165 | 777672 | 41.027 | ng | 99 |
| 58) Fluorene | 15.657 | 166 | 2728307 | 41.730 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.233 | 232 | 704567 | 43.469 | ng | 98 |
| 60) Diethylphthalate | 15.427 | 149 | 2636605 | 41.288 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.651 | 204 | 1340442 | 41.733 | ng | 99 |
| 62) 4-Nitroaniline | 15.680 | 138 | 620517 | 36.369 | ng | 96 |
| 63) Azobenzene | 15.939 | 77 | 2851789 | 42.205 | ng | 99 |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 198 | 403419 | 42.301 | ng | 95 |
| 66) n-Nitrosodiphenylamine | 15.863 | 169 | 2242855 | 45.112 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.545 | 248 | 736529 | 46.238 | ng | 99 |
| 68) Hexachlorobenzene | 16.657 | 284 | 843769 | 47.384 | ng | 99 |
| 69) Atrazine | 16.816 | 200 | 684522 | 50.406 | ng | 98 |
| 70) Pentachlorophenol | 17.004 | 266 | 1054029 | 80.478 | ng | 99 |
| 71) Phenanthrene | 17.398 | 178 | 3750579 | 43.332 | ng | 100 |
| 72) Anthracene | 17.486 | 178 | 3809866 | 44.138 | ng | 100 |
| 73) Carbazole | 17.757 | 167 | 3388312 | 43.011 | ng | 99 |
| 74) Di-n-butylphthalate | 18.321 | 149 | 4057100 | 42.441 | ng | 100 |
| 75) Fluoranthene | 19.410 | 202 | 3711432 | 40.612 | ng | 99 |
| 77) Benzidine | 19.592 | 184 | 2134519 | 78.896 | ng | 99 |
| 78) Pyrene | 19.768 | 202 | 3959552 | 46.383 | ng | 100 |
| 80) Butylbenzylphthalate | 20.662 | 149 | 1686648 | 46.572 | ng | 97 |
| 81) Benzo(a)anthracene | 21.515 | 228 | 3663363 | 44.757 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.451 | 252 | 1084357 | 43.106 | ng | 99 |
| 83) Chrysene | 21.568 | 228 | 3473551 | 43.634 | ng | 100 |
| 84) Bis(2-ethylhexyl)phtha... | 21.439 | 149 | 2500569 | 47.664 | ng | 100 |
| 85) Di-n-octyl phthalate | 22.374 | 149 | 4364585 | 49.946 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.497 | 276 | 4864528 | 47.918 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.221 | 252 | 3854432 | 45.222 | ng | 99 |
| 89) Benzo(k)fluoranthene | 23.268 | 252 | 3820148 | 43.067 | ng | 99 |
| 90) Benzo(a)pyrene | 23.856 | 252 | 3464460 | 42.234 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 26.515 | 278 | 4086302 | 47.530 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 27.280 | 276 | 4029603 | 47.907 | ng | 98 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
Data File : BM039067.D
Acq On : 21 Mar 2023 13:48
Operator : CG/JU
Sample : PB151485BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
PB151485BS

Quant Time: Mar 22 03:39:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 03:36:20 2023
Response via : Initial Calibration