Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020529.D
Acq On : 05 Jun 2024 23:28
Operator : MA/JU
Sample : P2662-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
WCS-TPRMSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay

06/06/2024
Supervised By :mohammad ahmed

06/07/2024

Quant Time: Jun 06 01:17:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.763 | 152 | 262935 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.534 | 136 | 1001789 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.387 | 164 | 644599 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.192 | 188 | 1392171 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.651 | 240 | 1320710 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 25.004 | 264 | 1534989 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.381 | 112 | 1853003 | 126.180 | ng | 0.00 |
| 7) Phenol-d6 | 6.940 | 99 | 2392730 | 115.534 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.916 | 82 | 1461968 | 79.885 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.904 | 330 | 1064228 | 159.085 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.998 | 172 | 3316341 | 76.695 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.927 | 244 | 5794783 | 73.042 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 237097 | 39.957 | ng | 96 |
| 3) Pyridine | 3.717 | 79 | 626089 | 37.527 | ng | 96 |
| 4) n-Nitrosodimethylamine | 3.634 | 42 | 326482 | 40.289 | ng | 93 |
| 6) Aniline | 7.099 | 93 | 445428 | 21.226 | ng | 98 |
| 8) 2-Chlorophenol | 7.334 | 128 | 766058 | 46.534 | ng | 97 |
| 9) Benzaldehyde | 6.922 | 77 | 101435m | 7.636 | ng | |
| 10) Phenol | 6.963 | 94 | 946045 | 44.596 | ng | 100 |
| 11) bis(2-Chloroethyl)ether | 7.199 | 93 | 711801 | 40.686 | ng | 100 |
| 12) 1,3-Dichlorobenzene | 7.652 | 146 | 841113 | 43.366 | ng | 98 |
| 13) 1,4-Dichlorobenzene | 7.799 | 146 | 862549 | 43.754 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.110 | 146 | 820698 | 43.138 | ng | 96 |
| 15) Benzyl Alcohol | 7.999 | 79 | 659753 | 43.128 | ng | 99 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.281 | 45 | 996135 | 38.138 | ng | 99 |
| 17) 2-Methylphenol | 8.199 | 107 | 618355 | 42.954 | ng | 98 |
| 18) Hexachloroethane | 8.828 | 117 | 315456 | 43.824 | ng | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.563 | 70 | 531935 | 37.624 | ng | 96 |
| 20) 3+4-Methylphenols | 8.522 | 107 | 836614 | 42.727 | ng | 99 |
| 22) Acetophenone | 8.581 | 105 | 1107659 | 44.544 | ng | 98 |
| 24) Nitrobenzene | 8.957 | 77 | 802018 | 43.181 | ng | 100 |
| 25) Isophorone | 9.475 | 82 | 1458299 | 41.012 | ng | 98 |
| 26) 2-Nitrophenol | 9.657 | 139 | 377378 | 51.098 | ng | 99 |
| 27) 2,4-Dimethylphenol | 9.716 | 122 | 522848 | 48.672 | ng | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.952 | 93 | 912810 | 41.767 | ng | 99 |
| 29) 2,4-Dichlorophenol | 10.175 | 162 | 708463 | 49.159 | ng | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.404 | 180 | 785599 | 45.917 | ng | 98 |
| 31) Naphthalene | 10.581 | 128 | 2249736 | 43.929 | ng | 99 |
| 32) Benzoic acid | 9.840 | 122 | 490179 | 48.027 | ng | 100 |
| 33) 4-Chloroaniline | 10.699 | 127 | 288840 | 14.580 | ng | 98 |
| 34) Hexachlorobutadiene | 10.863 | 225 | 483289 | 44.843 | ng | 99 |
| 35) Caprolactam | 11.481 | 113 | 242244 | 45.868 | ng | 92 |
| 36) 4-Chloro-3-methylphenol | 11.816 | 107 | 762619 | 45.196 | ng | 97 |
| 37) 2-Methylnaphthalene | 12.198 | 142 | 1559751 | 42.503 | ng | 100 |
| 38) 1-Methylnaphthalene | 12.416 | 142 | 1459846 | 40.130 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 12.563 | 216 | 875513 | 46.944 | ng | 99 |
| 41) Hexachlorocyclopentadiene | 12.546 | 237 | 657534 | 100.316 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 12.804 | 196 | 584586 | 51.854 | ng | 98 |

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020529.D
Acq On : 05 Jun 2024 23:28
Operator : MA/JU
Sample : P2662-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 06 01:17:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
WCS-TPRMSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay

06/06/2024
Supervised By :mohammad ahmed

06/07/2024

| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 12.881 | 196 | 633788 | 48.730 | ng | 99 |
| 46) | 1,1'-Biphenyl | 13.216 | 154 | 2029609 | 44.615 | ng | 98 |
| 47) | 2-Chloronaphthalene | 13.257 | 162 | 1610832 | 44.542 | ng | 99 |
| 48) | 2-Nitroaniline | 13.457 | 65 | 494315 | 50.443 | ng | 98 |
| 49) | Acenaphthylene | 14.110 | 152 | 2616339 | 48.756 | ng | 100 |
| 50) | Dimethylphthalate | 13.840 | 163 | 1969178 | 43.338 | ng | 99 |
| 51) | 2,6-Dinitrotoluene | 13.957 | 165 | 440658 | 45.372 | ng | 96 |
| 52) | Acenaphthene | 14.457 | 154 | 1496971 | 44.224 | ng | 100 |
| 53) | 3-Nitroaniline | 14.287 | 138 | 278405 | 28.578 | ng | 99 |
| 54) | 2,4-Dinitrophenol | 14.498 | 184 | 362747 | 82.224 | ng | 94 |
| 55) | Dibenzofuran | 14.792 | 168 | 2460875 | 45.894 | ng | 98 |
| 56) | 4-Nitrophenol | 14.598 | 139 | 859875 | 114.105 | ng | 98 |
| 57) | 2,4-Dinitrotoluene | 14.757 | 165 | 632956 | 49.591 | ng | 98 |
| 58) | Fluorene | 15.457 | 166 | 1935711 | 44.968 | ng | 100 |
| 59) | 2,3,4,6-Tetrachlorophenol | 15.016 | 232 | 574369 | 53.964 | ng | 98 |
| 60) | Diethylphthalate | 15.228 | 149 | 1972449 | 42.704 | ng | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 15.457 | 204 | 978590 | 44.054 | ng | 100 |
| 62) | 4-Nitroaniline | 15.469 | 138 | 476952 | 47.528 | ng | 97 |
| 63) | Azobenzene | 15.751 | 77 | 1912276 | 44.339 | ng | 99 |
| 65) | 4,6-Dinitro-2-methylph... | 15.534 | 198 | 279209 | 45.677 | ng | 94 |
| 66) | n-Nitrosodiphenylamine | 15.669 | 169 | 1740359 | 45.469 | ng | 100 |
| 67) | 4-Bromophenyl-phenylether | 16.369 | 248 | 658573 | 46.239 | ng | 96 |
| 68) | Hexachlorobenzene | 16.475 | 284 | 763115 | 45.525 | ng | 99 |
| 69) | Atrazine | 16.657 | 200 | 667837 | 49.595 | ng | 99 |
| 70) | Pentachlorophenol | 16.822 | 266 | 1025610 | 100.742 | ng | 98 |
| 71) | Phenanthrene | 17.239 | 178 | 3209249 | 46.895 | ng | 99 |
| 72) | Anthracene | 17.334 | 178 | 3317439 | 49.401 | ng | 99 |
| 73) | Carbazole | 17.610 | 167 | 3102559 | 47.764 | ng | 99 |
| 74) | Di-n-butylphthalate | 18.216 | 149 | 3738056 | 47.521 | ng | 99 |
| 75) | Fluoranthene | 19.328 | 202 | 3910933 | 48.306 | ng | 98 |
| 77) | Benzidine | 19.528 | 184 | 1517218 | 34.264 | ng | 99 |
| 78) | Pyrene | 19.704 | 202 | 4124368 | 41.517 | ng | 100 |
| 80) | Butylbenzylphthalate | 20.663 | 149 | 1747415 | 43.897 | ng | 93 |
| 81) | Benzo(a)anthracene | 21.627 | 228 | 4096060 | 47.102 | ng | 100 |
| 82) | 3,3'-Dichlorobenzidine | 21.551 | 252 | 1033611 | 39.984 | ng | 100 |
| 83) | Chrysene | 21.692 | 228 | 3774352 | 46.061 | ng | 99 |
| 84) | Bis(2-ethylhexyl)phtha... | 21.580 | 149 | 2555457 | 45.199 | ng | 99 |
| 85) | Di-n-octyl phthalate | 22.880 | 149 | 4433233 | 53.949 | ng | 97 |
| 87) | Indeno(1,2,3-cd)pyrene | 28.845 | 276 | 5056453m | 54.171 | ng | |
| 88) | Benzo(b)fluoranthene | 23.945 | 252 | 4234627 | 44.283 | ng | 99 |
| 89) | Benzo(k)fluoranthene | 24.016 | 252 | 4135912 | 44.345 | ng | 100 |
| 90) | Benzo(a)pyrene | 24.851 | 252 | 3924989 | 49.560 | ng | 99 |
| 91) | Dibenzo(a,h)anthracene | 28.927 | 278 | 4115795 | 52.865 | ng | 98 |
| 92) | Benzo(g,h,i)perylene | 30.021 | 276 | 3888670 | 49.970 | ng | 97 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
Data File : BP020529.D
Acq On : 05 Jun 2024 23:28
Operator : MA/JU
Sample : P2662-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 06 01:17:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 03:41:03 2024
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
WCS-TPRMSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay