Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138368.D
Acq On : 27 Jun 2024 16:07
Operator : CG\JU
Sample : P3049-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
SHOR-RAG-DRUMMSD

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024

Quant Time: Jun 28 03:20:04 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

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.881 | 152 | 215043 | 20.000 | ng | | -0.01 |
| 21) Naphthalene-d8 | 8.163 | 136 | 334961 | 20.000 | ng | | #-0.01 |
| 39) Acenaphthene-d10 | 9.951 | 164 | 368852 | 20.000 | ng | | 0.02 |
| 64) Phenanthrene-d10 | 11.404 | 188 | 510094 | 20.000 | ng | | -0.01 |
| 76) Chrysene-d12 | 14.039 | 240 | 429664 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 15.510 | 264 | 447088 | 20.000 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.534 | 112 | 1653672 | 128.640 | ng | | 0.02 |
| 7) Phenol-d6 | 6.528 | 99 | 1819666 | 111.631 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.445 | 82 | 1088072 | 189.107 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.728 | 330 | 409311 | 111.468 | ng | | 0.01 |
| 45) 2-Fluorobiphenyl | 9.257 | 172 | 2084780 | 89.876 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 1715215 | 63.226 | ng | | -0.02 |
| Target Compounds | | | | | | | Qvalue |
| 3) Pyridine | 3.675 | 79 | 508928 | 36.399 | ng | | 97 |
| 4) n-Nitrosodimethylamine | 3.528 | 42 | 258096 | 39.886 | ng | | 94 |
| 6) Aniline | 6.551 | 93 | 255377 | 16.011 | ng | # | 52 |
| 8) 2-Chlorophenol | 6.675 | 128 | 645004 | 46.410 | ng | | 98 |
| 9) Benzaldehyde | 6.434 | 77 | 102020m | 11.784 | ng | | |
| 10) Phenol | 6.545 | 94 | 680534 | 41.139 | ng | | 81 |
| 11) bis(2-Chloroethyl)ether | 6.616 | 93 | 604481 | 45.657 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 6.822 | 146 | 647637 | 41.004 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.898 | 146 | 660048 | 41.526 | ng | | 99 |
| 14) 1,2-Dichlorobenzene | 7.051 | 146 | 617164 | 41.361 | ng | | 100 |
| 15) Benzyl Alcohol | 7.034 | 79 | 501777m | 45.654 | ng | | |
| 16) 2,2'-oxybis(1-Chloropr... | 7.151 | 45 | 673797 | 36.060 | ng | | 58 |
| 17) 2-Methylphenol | 7.151 | 107 | 479514 | 43.731 | ng | # | 69 |
| 18) Hexachloroethane | 7.393 | 117 | 233691 | 43.397 | ng | | 96 |
| 19) n-Nitroso-di-n-propyla... | 7.298 | 70 | 404316 | 41.845 | ng | | 98 |
| 20) 3+4-Methylphenols | 7.298 | 107 | 596246m | 43.201 | ng | | |
| 22) Acetophenone | 7.293 | 105 | 768265 | 100.402 | ng | # | 97 |
| 24) Nitrobenzene | 7.469 | 77 | 628859 | 105.749 | ng | | 90 |
| 25) Isophorone | 7.710 | 82 | 944241 | 90.729 | ng | | 99 |
| 26) 2-Nitrophenol | 7.781 | 139 | 281693 | 117.802 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 7.869 | 122 | 302390m | 83.120 | ng | | |
| 28) bis(2-Chloroethoxy)met... | 7.910 | 93 | 409135 | 62.801 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.063 | 162 | 275213m | 58.759 | ng | | |
| 30) 1,2,4-Trichlorobenzene | 8.104 | 180 | 299583 | 54.236 | ng | | 97 |
| 31) Naphthalene | 8.187 | 128 | 701637 | 42.362 | ng | | 97 |
| 33) 4-Chloroaniline | 8.187 | 127 | 98852 | 15.968 | ng | # | 37 |
| 34) Hexachlorobutadiene | 8.298 | 225 | 146950 | 45.488 | ng | | 100 |
| 36) 4-Chloro-3-methylphenol | 8.869 | 107 | 478449 | 102.596 | ng | # | 77 |
| 37) 2-Methylnaphthalene | 8.898 | 142 | 1413236 | 130.010 | ng | | 97 |
| 38) 1-Methylnaphthalene | 8.992 | 142 | 1042530 | 97.869 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.057 | 216 | 480727 | 44.600 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.039 | 237 | 455234 | 129.528 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.239 | 196 | 374997 | 55.564 | ng | | 98 |
| 44) 2,4,5-Trichlorophenol | 9.316 | 196 | 290596m | 39.208 | ng | | |
| 46) 1,1'-Biphenyl | 9.357 | 154 | 1262384 | 46.641 | ng | | 96 |
| 47) 2-Chloronaphthalene | 9.386 | 162 | 1021740 | 47.766 | ng | | 96 |

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Quant Time: Jun 28 03:20:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 48) 2-Nitroaniline | 9.534 | 65 | 236808 | 45.970 | ng | | 94 |
| 49) Acenaphthylene | 9.822 | 152 | 1475939 | 49.207 | ng | | 97 |
| 50) Dimethylphthalate | 9.686 | 163 | 1030697 | 45.607 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 9.745 | 165 | 232280 | 47.377 | ng | | 94 |
| 52) Acenaphthene | 9.986 | 154 | 1015406 | 49.645 | ng | | 99 |
| 53) 3-Nitroaniline | 9.910 | 138 | 87653 | 16.735 | ng | | 91 |
| 54) 2,4-Dinitrophenol | 10.010 | 184 | 226259 | 87.611 | ng | # | 89 |
| 55) Dibenzofuran | 10.157 | 168 | 985563 | 34.470 | ng | | 95 |
| 56) 4-Nitrophenol | 10.157 | 139 | 636017 | 153.662 | ng | # | 28 |
| 57) 2,4-Dinitrotoluene | 10.128 | 165 | 241923 | 40.006 | ng | # | 76 |
| 58) Fluorene | 10.492 | 166 | 919890 | 40.919 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.269 | 232 | 245317 | 42.352 | ng | | 99 |
| 60) Diethylphthalate | 10.363 | 149 | 776580 | 36.205 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.475 | 204 | 476132 | 42.526 | ng | | 99 |
| 62) 4-Nitroaniline | 10.516 | 138 | 151472m | 28.945 | ng | | |
| 63) Azobenzene | 10.633 | 77 | 820932 | 38.203 | ng | | 94 |
| 65) 4,6-Dinitro-2-methylph... | 10.533 | 198 | 154022 | 57.630 | ng | | 83 |
| 66) n-Nitrosodiphenylamine | 10.592 | 169 | 741907 | 47.507 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 10.957 | 248 | 259534 | 45.153 | ng | | 95 |
| 68) Hexachlorobenzene | 11.022 | 284 | 320117 | 47.723 | ng | | 94 |
| 69) Atrazine | 11.116 | 200 | 35507 | 7.983 | ng | | 99 |
| 70) Pentachlorophenol | 11.216 | 266 | 353623 | 90.394 | ng | | 97 |
| 71) Phenanthrene | 11.433 | 178 | 1165128 | 46.188 | ng | | 97 |
| 72) Anthracene | 11.480 | 178 | 1171749 | 46.784 | ng | | 99 |
| 73) Carbazole | 11.633 | 167 | 1042619 | 45.387 | ng | | 98 |
| 74) Di-n-butylphthalate | 11.963 | 149 | 1190134 | 50.045 | ng | | 98 |
| 75) Fluoranthene | 12.610 | 202 | 1240769 | 48.235 | ng | | 99 |
| 78) Pyrene | 12.839 | 202 | 1303356 | 35.168 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.457 | 149 | 575811 | 57.119 | ng | | 97 |
| 81) Benzo(a)anthracene | 14.033 | 228 | 1300060 | 47.163 | ng | | 99 |
| 83) Chrysene | 14.069 | 228 | 1263479 | 48.088 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.016 | 149 | 788715 | 67.269 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.627 | 149 | 1424987 | 81.810 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.986 | 276 | 1059177 | 36.341 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.080 | 252 | 1398506 | 53.043 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.116 | 252 | 1215050 | 47.024 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.451 | 252 | 1132372 | 49.994 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.004 | 278 | 875654 | 36.603 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.433 | 276 | 783070 | 31.641 | ng | | 96 |

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

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