Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139669.D
Acq On : 04 Oct 2024 20:44
Operator : RC/JU
Sample : P4242-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
TP-QMS

Quant Time: Oct 04 22:55:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.869 | 152 | 85047 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.151 | 136 | 297861 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.904 | 164 | 139846 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.386 | 188 | 230700 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 14.027 | 240 | 166417 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.498 | 264 | 135056 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.492 | 112 | 508275 | 103.586 | ng | 0.00 |
| 7) Phenol-d6 | 6.504 | 99 | 653844 | 99.088 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.428 | 82 | 421848 | 71.706 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 125211 | 92.750 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 701471 | 77.005 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.968 | 244 | 621912 | 61.319 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.716 | 88 | 93709 | 44.173 | ng | 99 |
| 3) Pyridine | 3.463 | 79 | 222487 | 43.123 | ng | 98 |
| 4) n-Nitrosodimethylamine | 3.422 | 42 | 156250 | 46.266 | ng | 98 |
| 6) Aniline | 6.534 | 93 | 217201 | 37.094 | ng | 96 |
| 8) 2-Chlorophenol | 6.651 | 128 | 240154 | 45.682 | ng | 99 |
| 9) Benzaldehyde | 6.416 | 77 | 85364 | 24.422 | ng | 99 |
| 10) Phenol | 6.516 | 94 | 315350 | 45.450 | ng | 99 |
| 11) bis(2-Chloroethyl)ether | 6.604 | 93 | 252140 | 44.632 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 6.804 | 146 | 260435 | 44.037 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 6.886 | 146 | 263683 | 44.022 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 7.034 | 146 | 246368 | 43.887 | ng | 100 |
| 15) Benzyl Alcohol | 7.010 | 79 | 212289 | 42.106 | ng | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.139 | 45 | 435242 | 44.503 | ng | 89 |
| 17) 2-Methylphenol | 7.122 | 107 | 190624 | 43.435 | ng | 99 |
| 18) Hexachloroethane | 7.375 | 117 | 89656 | 40.130 | ng | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.281 | 70 | 179553 | 42.324 | ng | 99 |
| 20) 3+4-Methylphenols | 7.275 | 107 | 234943 | 42.620 | ng | 92 |
| 22) Acetophenone | 7.275 | 105 | 327213 | 46.280 | ng | 97 |
| 24) Nitrobenzene | 7.451 | 77 | 269158 | 44.183 | ng | 99 |
| 25) Isophorone | 7.686 | 82 | 466052 | 44.603 | ng | 100 |
| 26) 2-Nitrophenol | 7.763 | 139 | 120015 | 45.827 | ng | 98 |
| 27) 2,4-Dimethylphenol | 7.804 | 122 | 172820 | 53.905 | ng | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.898 | 93 | 280624 | 44.975 | ng | 99 |
| 29) 2,4-Dichlorophenol | 8.010 | 162 | 187285 | 44.786 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.086 | 180 | 203233 | 42.974 | ng | 100 |
| 31) Naphthalene | 8.169 | 128 | 667152 | 43.807 | ng | 100 |
| 32) Benzoic acid | 7.922 | 122 | 116489 | 36.540 | ng | 98 |
| 33) 4-Chloroaniline | 8.233 | 127 | 49860 | 9.672 | ng | 99 |
| 34) Hexachlorobutadiene | 8.286 | 225 | 132017 | 43.137 | ng | 100 |
| 35) Caprolactam | 8.581 | 113 | 56629 | 41.287 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 8.710 | 107 | 191024 | 40.353 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.863 | 142 | 412375 | 41.576 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.963 | 142 | 381977 | 39.398 | ng | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.028 | 216 | 195235 | 50.275 | ng | 98 |
| 41) Hexachlorocyclopentadiene | 9.010 | 237 | 80655 | 67.736 | ng | 100 |
| 43) 2,4,6-Trichlorophenol | 9.139 | 196 | 123389 | 47.133 | ng | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.186 | 196 | 127079 | 45.013 | ng | 99 |
| 46) 1,1'-Biphenyl | 9.322 | 154 | 499595 | 48.032 | ng | 99 |
| 47) 2-Chloronaphthalene | 9.351 | 162 | 365257 | 46.842 | ng | 98 |
| 48) 2-Nitroaniline | 9.445 | 65 | 132770 | 47.433 | ng | 98 |
| 49) Acenaphthylene | 9.763 | 152 | 577558 | 48.705 | ng | 100 |
| 50) Dimethylphthalate | 9.622 | 163 | 441217 | 48.197 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.686 | 165 | 89191 | 43.130 | ng | 98 |
| 52) Acenaphthene | 9.933 | 154 | 362403 | 44.517 | ng | 99 |
| 53) 3-Nitroaniline | 9.857 | 138 | 66857 | 31.637 | ng | 99 |
| 54) 2,4-Dinitrophenol | 9.963 | 184 | 39657 | 35.654 | ng | 97 |
| 55) Dibenzofuran | 10.110 | 168 | 510767 | 44.811 | ng | 99 |
| 56) 4-Nitrophenol | 10.022 | 139 | 131788 | 81.777 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 10.092 | 165 | 113154 | 41.862 | ng | 98 |
| 58) Fluorene | 10.451 | 166 | 384911 | 42.398 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.227 | 232 | 98486 | 43.192 | ng | 97 |
| 60) Diethylphthalate | 10.322 | 149 | 428602 | 45.328 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 10.439 | 204 | 192517 | 42.388 | ng | 99 |
| 62) 4-Nitroaniline | 10.469 | 138 | 74824 | 34.615 | ng | 97 |
| 63) Azobenzene | 10.604 | 77 | 443201 | 46.608 | ng | 95 |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198 | 28186 | 21.632 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 10.563 | 169 | 337487 | 49.629 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 10.933 | 248 | 109282 | 46.201 | ng | 99 |
| 68) Hexachlorobenzene | 10.998 | 284 | 116933 | 44.550 | ng | 98 |
| 69) Atrazine | 11.086 | 200 | 101929 | 55.866 | ng | 99 |
| 70) Pentachlorophenol | 11.192 | 266 | 131153 | 83.917 | ng | 100 |
| 71) Phenanthrene | 11.416 | 178 | 517256 | 47.552 | ng | 99 |
| 72) Anthracene | 11.463 | 178 | 522500 | 48.554 | ng | 100 |
| 73) Carbazole | 11.621 | 167 | 488580 | 47.271 | ng | 100 |
| 74) Di-n-butylphthalate | 11.945 | 149 | 607950 | 48.371 | ng | 99 |
| 75) Fluoranthene | 12.598 | 202 | 572976 | 48.186 | ng | 100 |
| 77) Benzidine | 12.727 | 184 | 302643 | 103.101 | ng | 100 |
| 78) Pyrene | 12.827 | 202 | 591197 | 39.720 | ng | 99 |
| 80) Butylbenzylphthalate | 13.445 | 149 | 254307 | 47.767 | ng | 99 |
| 81) Benzo(a)anthracene | 14.015 | 228 | 524614 | 47.948 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 13.980 | 252 | 174376 | 52.076 | ng | 98 |
| 83) Chrysene | 14.057 | 228 | 466472 | 46.633 | ng | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.004 | 149 | 356602 | 53.641 | ng | 99 |
| 85) Di-n-octyl phthalate | 14.615 | 149 | 584252 | 59.821 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 16.968 | 276 | 338558 | 42.591 | ng | 99 |
| 88) Benzo(b)fluoranthene | 15.068 | 252 | 382710 | 43.826 | ng | 99 |
| 89) Benzo(k)fluoranthene | 15.098 | 252 | 378084 | 51.041 | ng | 99 |
| 90) Benzo(a)pyrene | 15.433 | 252 | 340660 | 49.475 | ng | 100 |
| 91) Dibenzo(a,h)anthracene | 16.986 | 278 | 280328 | 42.519 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 17.409 | 276 | 250172 | 37.835 | ng | 98 |

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

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