Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111822\
Data File : BF131304.D
Acq On : 18 Nov 2022 18:44
Operator : CG\JU
Sample : N4955-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2022

Quant Time: Nov 21 01:38:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 00:46:51 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.969 | 152 | 89687 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.257 | 136 | 314265 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.022 | 164 | 187370 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.516 | 188 | 347499 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.174 | 240 | 237201 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.716 | 264 | 177144 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.569 | 112 | 516219 | 105.350 | ng | | 0.00 |
| 7) Phenol-d6 | 6.581 | 99 | 648260 | 104.358 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.534 | 82 | 488906 | 83.102 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.816 | 330 | 190295 | 114.088 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.339 | 172 | 982123 | 74.864 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.116 | 244 | 1114727 | 70.247 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.763 | 88 | 9330 | 4.118 | ng | | 99 |
| 3) Pyridine | 3.575 | 79 | 21836 | 3.459 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.487 | 42 | 14364 | 3.667 | ng | # | 74 |
| 6) Aniline | 6.628 | 93 | 34122 | 4.389 | ng | | 95 |
| 8) 2-Chlorophenol | 6.751 | 128 | 22955 | 4.232 | ng | | 90 |
| 9) Benzaldehyde | 6.516 | 77 | 21236 | 4.709 | ng | | 95 |
| 10) Phenol | 6.593 | 94 | 27913 | 4.060 | ng | | 98 |
| 11) bis(2-Chloroethyl)ether | 6.698 | 93 | 23517 | 4.250 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 26662 | 4.132 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.987 | 146 | 26986 | 4.113 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.140 | 146 | 25927 | 4.245 | ng | | 95 |
| 15) Benzyl Alcohol | 7.128 | 79 | 19337 | 3.655 | ng | # | 63 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.240 | 45 | 44339 | 4.232 | ng | | 99 |
| 17) 2-Methylphenol | 7.204 | 107 | 18752 | 3.955 | ng | | 94 |
| 18) Hexachloroethane | 7.487 | 117 | 9205 | 3.946 | ng | | 92 |
| 19) n-Nitroso-di-n-propyla... | 7.369 | 70 | 18702 | 4.186 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.357 | 107 | 25224 | 4.165 | ng | # | 88 |
| 22) Acetophenone | 7.375 | 105 | 36740 | 4.424 | ng | | 99 |
| 24) Nitrobenzene | 7.551 | 77 | 27441 | 4.608 | ng | # | 90 |
| 25) Isophorone | 7.787 | 82 | 49673 | 4.422 | ng | | 97 |
| 26) 2-Nitrophenol | 7.869 | 139 | 7536 | 3.996 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.898 | 122 | 18651 | 4.223 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.998 | 93 | 28702 | 4.575 | ng | | 97 |
| 29) 2,4-Dichlorophenol | 8.104 | 162 | 19237 | 4.068 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.198 | 180 | 23949 | 4.079 | ng | | 98 |
| 31) Naphthalene | 8.281 | 128 | 71782 | 4.212 | ng | | 99 |
| 32) Benzoic acid | 7.928 | 122 | 5646 | 2.137 | ng | | 87 |
| 33) 4-Chloroaniline | 8.322 | 127 | 29253 | 4.419 | ng | | 97 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 15843 | 4.083 | ng | | 95 |
| 35) Caprolactam | 8.651 | 113 | 5378 | 4.084 | ng | # | 92 |
| 36) 4-Chloro-3-methylphenol | 8.792 | 107 | 19704 | 3.866 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.975 | 142 | 49681 | 4.326 | ng | | 98 |
| 38) 1-Methylnaphthalene | 9.075 | 142 | 47033 | 4.226 | ng | | 100 |
| 40) 1,2,4,5-Tetrachloroben... | 9.134 | 216 | 26136 | 4.263 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 9.122 | 237 | 11367 | 4.286 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 9.245 | 196 | 12240 | 3.358 | ng | | 93 |

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Operator : CG\JU
Sample : N4955-07
Misc : LOD-MDL-WATER 4ppm
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2022

Quant Time: Nov 21 01:38:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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| | Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|---|
| 44) | 2,4,5-Trichlorophenol | 9.281 | 196 | 15022 | 3.782 | ng | | 95 |
| 46) | 1,1'-Biphenyl | 9.439 | 154 | 65722 | 4.542 | ng | | 98 |
| 47) | 2-Chloronaphthalene | 9.463 | 162 | 48185 | 4.148 | ng | | 100 |
| 48) | 2-Nitroaniline | 9.557 | 65 | 11618 | 3.618 | ng | | 92 |
| 49) | Acenaphthylene | 9.881 | 152 | 73726 | 4.155 | ng | | 99 |
| 50) | Dimethylphthalate | 9.734 | 163 | 57648 | 4.249 | ng | | 99 |
| 51) | 2,6-Dinitrotoluene | 9.798 | 165 | 9052 | 4.062 | ng | | 85 |
| 52) | Acenaphthene | 10.057 | 154 | 44654 | 4.033 | ng | | 98 |
| 53) | 3-Nitroaniline | 9.963 | 138 | 9688 | 4.107 | ng | | 92 |
| 54) | 2,4-Dinitrophenol | 10.069 | 184 | 1356 | 1.727 | ng | # | 35 |
| 55) | Dibenzofuran | 10.228 | 168 | 69211 | 4.311 | ng | | 96 |
| 56) | 4-Nitrophenol | 10.110 | 139 | 5341 | 3.009 | ng | # | 86 |
| 57) | 2,4-Dinitrotoluene | 10.198 | 165 | 10625 | 3.943 | ng | # | 84 |
| 58) | Fluorene | 10.575 | 166 | 54303 | 4.259 | ng | | 96 |
| 59) | 2,3,4,6-Tetrachlorophenol | 10.339 | 232 | 12503 | 3.717 | ng | | 97 |
| 60) | Diethylphthalate | 10.439 | 149 | 54987 | 4.248 | ng | | 99 |
| 61) | 4-Chlorophenyl-phenyle... | 10.563 | 204 | 28498 | 4.409 | ng | | 99 |
| 62) | 4-Nitroaniline | 10.575 | 138 | 9609 | 4.010 | ng | | 86 |
| 63) | Azobenzene | 10.728 | 77 | 56446 | 4.199 | ng | | 97 |
| 65) | 4,6-Dinitro-2-methylph... | 10.604 | 198 | 2566 | 2.130 | ng | | 91 |
| 66) | n-Nitrosodiphenylamine | 10.681 | 169 | 46189 | 4.125 | ng | | 99 |
| 67) | 4-Bromophenyl-phenylether | 11.057 | 248 | 17322 | 4.154 | ng | | 98 |
| 68) | Hexachlorobenzene | 11.116 | 284 | 19394 | 4.287 | ng | # | 91 |
| 69) | Atrazine | 11.204 | 200 | 16029 | 4.487 | ng | | 98 |
| 70) | Pentachlorophenol | 11.310 | 266 | 6920 | 2.863 | ng | # | 90 |
| 71) | Phenanthrene | 11.539 | 178 | 80610 | 4.195 | ng | | 99 |
| 72) | Anthracene | 11.592 | 178 | 80546 | 4.287 | ng | | 99 |
| 73) | Carbazole | 11.745 | 167 | 67802 | 4.292 | ng | | 99 |
| 74) | Di-n-butylphthalate | 12.080 | 149 | 83458 | 4.376 | ng | | 100 |
| 75) | Fluoranthene | 12.733 | 202 | 82487 | 4.137 | ng | | 98 |
| 77) | Benzidine | 12.863 | 184 | 31584 | 5.887 | ng | # | 94 |
| 78) | Pyrene | 12.969 | 202 | 83426 | 3.656 | ng | | 99 |
| 80) | Butylbenzylphthalate | 13.592 | 149 | 23707 | 3.434 | ng | | 98 |
| 81) | Benzo(a)anthracene | 14.163 | 228 | 67568 | 4.040 | ng | | 98 |
| 82) | 3,3'-Dichlorobenzidine | 14.127 | 252 | 18027 | 4.061 | ng | | 98 |
| 83) | Chrysene | 14.198 | 228 | 65347 | 4.086 | ng | | 96 |
| 84) | Bis(2-ethylhexyl)phtha... | 14.151 | 149 | 32261 | 4.015 | ng | | 100 |
| 85) | Di-n-octyl phthalate | 14.780 | 149 | 41016 | 3.596 | ng | # | 98 |
| 87) | Indeno(1,2,3-cd)pyrene | 17.286 | 276 | 43738 | 3.256 | ng | | 98 |
| 88) | Benzo(b)fluoranthene | 15.251 | 252 | 49902 | 4.186 | ng | | 97 |
| 89) | Benzo(k)fluoranthene | 15.280 | 252 | 47615 | 3.907 | ng | | 98 |
| 90) | Benzo(a)pyrene | 15.645 | 252 | 40306 | 4.118 | ng | | 98 |
| 91) | Dibenzo(a,h)anthracene | 17.315 | 278 | 38017 | 3.439 | ng | | 95 |
| 92) | Benzo(g,h,i)perylene | 17.757 | 276 | 38184 | 3.416 | ng | | 98 |

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

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Quant Time: Nov 21 01:38:50 2022
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