Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143112.D
Acq On : 16 Jul 2025 14:05
Operator : RC/JU
Sample : Q2126-07
Misc : LOD-MDL-WATER-4 PPM
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 16 14:26:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.969 | 152 | 151150 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 580950 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 289252 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.486 | 188 | 468917 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.127 | 240 | 239773 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 15.633 | 264 | 239823 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.593 | 112 | 1066877 | 111.518 | ng | | 0.00 |
| 7) Phenol-d6 | 6.587 | 99 | 1378785 | 114.655 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 875953 | 84.584 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.792 | 330 | 338978 | 131.432 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.322 | 172 | 1584185 | 72.802 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.075 | 244 | 1319852 | 80.467 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.816 | 88 | 18218 | 3.825 | ng | | 98 |
| 3) Pyridine | 3.634 | 79 | 45684 | 3.788 | ng | | 99 |
| 4) n-Nitrosodimethylamine | 3.510 | 42 | 22366 | 3.580 | ng | # | 98 |
| 6) Aniline | 6.628 | 93 | 65570 | 3.872 | ng | | 99 |
| 8) 2-Chlorophenol | 6.751 | 128 | 39393 | 4.098 | ng | # | 73 |
| 9) Benzaldehyde | 6.516 | 77 | 36931 | 4.030 | ng | | 97 |
| 10) Phenol | 6.598 | 94 | 55540 | 4.266 | ng | # | 54 |
| 11) bis(2-Chloroethyl)ether | 6.698 | 93 | 41097 | 4.078 | ng | | 99 |
| 12) 1,3-Dichlorobenzene | 6.910 | 146 | 45009 | 4.145 | ng | | 99 |
| 13) 1,4-Dichlorobenzene | 6.987 | 146 | 45862 | 4.198 | ng | | 97 |
| 14) 1,2-Dichlorobenzene | 7.140 | 146 | 42940 | 4.122 | ng | | 99 |
| 15) Benzyl Alcohol | 7.093 | 79 | 33653 | 3.777 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.240 | 45 | 73584 | 3.961 | ng | | 99 |
| 17) 2-Methylphenol | 7.198 | 107 | 31900 | 3.846 | ng | | 99 |
| 18) Hexachloroethane | 7.487 | 117 | 14372 | 4.041 | ng | | 98 |
| 19) n-Nitroso-di-n-propyla... | 7.363 | 70 | 30190 | 4.098 | ng | | 99 |
| 20) 3+4-Methylphenols | 7.351 | 107 | 42204 | 4.149 | ng | # | 88 |
| 22) Acetophenone | 7.363 | 105 | 58671 | 4.189 | ng | | 96 |
| 24) Nitrobenzene | 7.540 | 77 | 45155 | 4.517 | ng | | 100 |
| 25) Isophorone | 7.775 | 82 | 77102 | 3.852 | ng | | 99 |
| 26) 2-Nitrophenol | 7.857 | 139 | 12161 | 6.725 | ng | | 97 |
| 27) 2,4-Dimethylphenol | 7.887 | 122 | 37914 | 4.081 | ng | | 99 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 48815 | 4.022 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 8.092 | 162 | 28793 | 3.788 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.187 | 180 | 35606 | 4.128 | ng | | 98 |
| 31) Naphthalene | 8.269 | 128 | 120474 | 4.176 | ng | | 99 |
| 32) Benzoic acid | 7.922 | 122 | 7703 | 7.959 | ng | | 98 |
| 33) 4-Chloroaniline | 8.304 | 127 | 46206 | 3.983 | ng | | 98 |
| 34) Hexachlorobutadiene | 8.392 | 225 | 20469 | 3.968 | ng | | 97 |
| 35) Caprolactam | 8.622 | 113 | 7507 | 3.163 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 8.775 | 107 | 31905 | 3.768 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 70698 | 4.108 | ng | | 99 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 73895 | 4.140 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 35307 | 4.189 | ng | | 98 |
| 41) Hexachlorocyclopentadiene | 9.116 | 237 | 14365 | 3.074 | ng | | 100 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 20005 | 3.819 | ng | | 97 |

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Data File : BF143112.D
Acq On : 16 Jul 2025 14:05
Operator : RC/JU
Sample : Q2126-07
Misc : LOD-MDL-WATER-4 PPM
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 16 14:26:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.263 | 196 | 21215 | 3.863 | ng | | 99 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 97247 | 4.216 | ng | | 99 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 70537 | 4.163 | ng | | 99 |
| 48) 2-Nitroaniline | 9.528 | 65 | 14647 | 5.879 | ng | | 97 |
| 49) Acenaphthylene | 9.863 | 152 | 115528 | 4.091 | ng | | 99 |
| 50) Dimethylphthalate | 9.710 | 163 | 74029 | 4.068 | ng | | 98 |
| 51) 2,6-Dinitrotoluene | 9.769 | 165 | 11380 | 5.776 | ng | | 96 |
| 52) Acenaphthene | 10.034 | 154 | 68950 | 4.138 | ng | | 98 |
| 53) 3-Nitroaniline | 9.934 | 138 | 14091 | 3.584 | ng | # | 95 |
| 54) 2,4-Dinitrophenol | 10.039 | 184 | 2300 | 7.108 | ng | # | 1 |
| 55) Dibenzofuran | 10.204 | 168 | 103203 | 4.155 | ng | | 98 |
| 56) 4-Nitrophenol | 10.075 | 139 | 9515 | 3.045 | ng | | 96 |
| 57) 2,4-Dinitrotoluene | 10.169 | 165 | 12470 | 5.980 | ng | | 97 |
| 58) Fluorene | 10.545 | 166 | 79704 | 4.280 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.316 | 232 | 16552 | 3.793 | ng | # | 98 |
| 60) Diethylphthalate | 10.416 | 149 | 68597 | 3.907 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.539 | 204 | 36959 | 4.141 | ng | | 97 |
| 62) 4-Nitroaniline | 10.539 | 138 | 12284 | 3.592 | ng | | 96 |
| 63) Azobenzene | 10.698 | 77 | 75934 | 3.911 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylph... | 10.575 | 198 | 3661 | 7.661 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 10.651 | 169 | 66249 | 4.022 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 11.028 | 248 | 20697 | 3.881 | ng | | 97 |
| 68) Hexachlorobenzene | 11.098 | 284 | 22526 | 3.981 | ng | | 99 |
| 69) Atrazine | 11.175 | 200 | 15055 | 3.573 | ng | | 99 |
| 70) Pentachlorophenol | 11.286 | 266 | 9534 | 3.071 | ng | | 98 |
| 71) Phenanthrene | 11.510 | 178 | 106453 | 4.206 | ng | | 99 |
| 72) Anthracene | 11.563 | 178 | 100908 | 3.965 | ng | | 99 |
| 73) Carbazole | 11.710 | 167 | 89770 | 3.937 | ng | | 100 |
| 74) Di-n-butylphthalate | 12.045 | 149 | 69652 | 3.328 | ng | | 99 |
| 75) Fluoranthene | 12.698 | 202 | 87676 | 3.810 | ng | | 98 |
| 77) Benzidine | 12.816 | 184 | 25570 | 3.130 | ng | # | 91 |
| 78) Pyrene | 12.927 | 202 | 90149 | 4.052 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.545 | 149 | 10969 | 5.691 | ng | | 92 |
| 81) Benzo(a)anthracene | 14.116 | 228 | 59048 | 3.696 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.074 | 252 | 13014 | 2.805 | ng | | 98 |
| 83) Chrysene | 14.151 | 228 | 56357 | 3.830 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.110 | 149 | 16081 | 5.627 | ng | | 96 |
| 85) Di-n-octyl phthalate | 14.721 | 149 | 26271 | 8.464 | ng | | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 17.163 | 276 | 67860 | 3.804 | ng | | 99 |
| 88) Benzo(b)fluoranthene | 15.180 | 252 | 49325 | 3.566 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.216 | 252 | 47216 | 3.578 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.563 | 252 | 45260 | 3.459 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 17.180 | 278 | 55847 | 3.830 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 17.621 | 276 | 56811 | 3.822 | ng | | 97 |

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

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Data File : BF143112.D
Acq On : 16 Jul 2025 14:05
Operator : RC/JU
Sample : Q2126-07
Misc : LOD-MDL-WATER-4 PPM
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 16 14:26:34 2025
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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