Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090325\
Data File : BG064260.D
Acq On : 3 Sep 2025 19:11
Operator : RC/JU
Sample : Q2126-02
Misc : LOQ-SOIL 5PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 04 01:13:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

**Instrument :**
BNA_G
**ClientSampleId :**
LOQ-SOIL-02-QT2-2025

**Manual Integrations APPROVED**

Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.854 | 152 | 20093 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.645 | 136 | 92592 | 20.000 | ng | # | 0.00 |
| 39) Acenaphthene-d10 | 14.481 | 164 | 65744 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.219 | 188 | 131776 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.444 | 240 | 129612 | 20.000 | ng | | -0.01 |
| 86) Perylene-d12 | 24.458 | 264 | 136108 | 20.000 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.445 | 112 | 273132 | 243.878 | ng | | 0.00 |
| 7) Phenol-d6 | 7.026 | 99 | 394228 | 256.221 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.006 | 82 | 292654 | 176.272 | ng | | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.968 | 330 | 196239 | 225.353 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.107 | 172 | 723805 | 168.043 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.840 | 244 | 1054571 | 169.753 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.371 | 88 | 4723 | 10.118 | ng | # | 80 |
| 3) Pyridine | 3.753 | 79 | 11780 | 8.573 | ng | # | 47 |
| 6) Aniline | 7.184 | 93 | 20328 | 9.554 | ng | | 94 |
| 8) 2-Chlorophenol | 7.425 | 128 | 12980 | 9.484 | ng | | 89 |
| 10) Phenol | 7.055 | 94 | 16303 | 9.611 | ng | | 91 |
| 11) bis(2-Chloroethyl)ether | 7.278 | 93 | 11039 | 8.660 | ng | | 90 |
| 12) 1,3-Dichlorobenzene | 7.748 | 146 | 13893 | 9.542 | ng | | 94 |
| 13) 1,4-Dichlorobenzene | 7.889 | 146 | 13262m | 9.026 | ng | | |
| 14) 1,2-Dichlorobenzene | 8.206 | 146 | 13220 | 9.322 | ng | | 90 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.389 | 45 | 24980 | 8.583 | ng | | 96 |
| 17) 2-Methylphenol | 8.295 | 107 | 10647 | 8.422 | ng | # | 90 |
| 18) Hexachloroethane | 8.929 | 117 | 5364 | 9.352 | ng | | 88 |
| 22) Acetophenone | 8.671 | 105 | 21573 | 9.209 | ng | # | 99 |
| 24) Nitrobenzene | 9.053 | 77 | 16557 | 9.545 | ng | | 98 |
| 25) Isophorone | 9.570 | 82 | 30906 | 8.957 | ng | # | 97 |
| 26) 2-Nitrophenol | 9.752 | 139 | 6718 | 8.963 | ng | | 90 |
| 27) 2,4-Dimethylphenol | 9.816 | 122 | 12824 | 9.745 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 10.051 | 93 | 17670 | 9.497 | ng | # | 96 |
| 29) 2,4-Dichlorophenol | 10.292 | 162 | 11935 | 8.596 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 10.504 | 180 | 14406 | 9.840 | ng | # | 91 |
| 31) Naphthalene | 10.692 | 128 | 42395 | 8.830 | ng | # | 94 |
| 33) 4-Chloroaniline | 10.798 | 127 | 16926 | 9.095 | ng | | 94 |
| 34) Hexachlorobutadiene | 10.980 | 225 | 10147 | 9.376 | ng | | 94 |
| 36) 4-Chloro-3-methylphenol | 11.920 | 107 | 15669 | 8.698 | ng | # | 84 |
| 37) 2-Methylnaphthalene | 12.302 | 142 | 27760 | 7.778 | ng | | 91 |
| 38) 1-Methylnaphthalene | 12.519 | 142 | 30449 | 8.638 | ng | | 93 |
| 40) 1,2,4,5-Tetrachloroben... | 12.672 | 216 | 17490 | 9.220 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.913 | 196 | 10372 | 8.181 | ng | | 93 |
| 44) 2,4,5-Trichlorophenol | 12.983 | 196 | 12095 | 8.794 | ng | | 90 |
| 46) 1,1'-Biphenyl | 13.312 | 154 | 43787 | 9.144 | ng | | 91 |
| 47) 2-Chloronaphthalene | 13.353 | 162 | 32871 | 9.131 | ng | | 94 |
| 48) 2-Nitroaniline | 13.553 | 65 | 9375 | 7.641 | ng | | 90 |
| 49) Acenaphthylene | 14.199 | 152 | 52465 | 9.859 | ng | | 98 |
| 50) Dimethylphthalate | 13.929 | 163 | 38893 | 7.816 | ng | # | 95 |
| 51) 2,6-Dinitrotoluene | 14.047 | 165 | 7790 | 8.086 | ng | | 89 |
| 52) Acenaphthene | 14.540 | 154 | 31421 | 8.367 | ng | | 92 |

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|---|---|---|---|---|---|---|---|
| 53) 3-Nitroaniline | 14.376 | 138 | 7550 | 7.482 | ng | | 96 |
| 55) Dibenzofuran | 14.875 | 168 | 51887 | 8.784 | ng | | 94 |
| 57) 2,4-Dinitrotoluene | 14.834 | 165 | 11225 | 7.706 | ng | # | 93 |
| 58) Fluorene | 15.527 | 166 | 41879 | 8.650 | ng | | 96 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.104 | 232 | 10758 | 8.133 | ng | # | 96 |
| 60) Diethylphthalate | 15.298 | 149 | 40412 | 7.588 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.521 | 204 | 21111 | 8.746 | ng | | 98 |
| 62) 4-Nitroaniline | 15.533 | 138 | 6583 | 6.393 | ng | | 94 |
| 63) Azobenzene | 15.815 | 77 | 39560 | 8.334 | ng | | 92 |
| 66) n-Nitrosodiphenylamine | 15.733 | 169 | 34358 | 9.478 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 16.415 | 248 | 13143 | 9.390 | ng | | 97 |
| 68) Hexachlorobenzene | 16.526 | 284 | 14912 | 9.594 | ng | # | 92 |
| 69) Atrazine | 16.679 | 200 | 11761 | 7.770 | ng | | 94 |
| 71) Phenanthrene | 17.261 | 178 | 61485 | 8.846 | ng | | 98 |
| 72) Anthracene | 17.349 | 178 | 59169 | 8.369 | ng | | 97 |
| 73) Carbazole | 17.619 | 167 | 50898 | 8.172 | ng | | 98 |
| 74) Di-n-butylphthalate | 18.189 | 149 | 60045 | 8.025 | ng | | 99 |
| 75) Fluoranthene | 19.270 | 202 | 66340 | 8.118 | ng | | 99 |
| 78) Pyrene | 19.628 | 202 | 71007 | 8.696 | ng | | 98 |
| 80) Butylbenzylphthalate | 20.527 | 149 | 29007 | 9.418 | ng | | 96 |
| 81) Benzo(a)anthracene | 21.426 | 228 | 74373 | 8.969 | ng | | 99 |
| 83) Chrysene | 21.491 | 228 | 72494 | 9.107 | ng | | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.356 | 149 | 43529 | 9.414 | ng | # | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 27.819 | 276 | 82911 | 8.920 | ng | | 94 |
| 88) Benzo(b)fluoranthene | 23.500 | 252 | 70144m | 9.131 | ng | | |
| 89) Benzo(k)fluoranthene | 23.571 | 252 | 67265 | 8.595 | ng | | 95 |
| 90) Benzo(a)pyrene | 24.311 | 252 | 66185 | 9.262 | ng | | 99 |
| 91) Dibenzo(a,h)anthracene | 27.883 | 278 | 64542 | 8.648 | ng | | 95 |
| 92) Benzo(g,h,i)perylene | 28.876 | 276 | 68303 | 9.406 | ng | # | 92 |

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

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