Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
Data File : BP003134.D
Acq On : 27 Aug 2020 16:23
Operator : CG/JU
Sample : L3806-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-14-DMS

Quant Time: Aug 27 17:35:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:32:08 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 223385 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.44 | 136 | 857683 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.30 | 164 | 493100 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.06 | 188 | 978375 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.15 | 240 | 924445 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.38 | 264 | 1110547 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.28 | 112 | 1337078 | 105.83 | ng | 0.00 |
| 7) Phenol-d6 | 6.85 | 99 | 1560813 | 98.55 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.81 | 82 | 910389 | 76.52 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.80 | 330 | 683578 | 102.50 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.92 | 172 | 2469456 | 73.34 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.63 | 244 | 2924322 | 69.61 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.21 | 88 | 177892 | 36.828 | ng | 99 |
| 3) Pyridine | 3.59 | 79 | 410281 | 32.275 | ng | 99 |
| 4) n-Nitrosodimethylamine | 3.51 | 42 | 139613 | 42.058 | ng | 92 |
| 6) Aniline | 6.99 | 93 | 543442 | 31.514 | ng | 99 |
| 8) 2-Chlorophenol | 7.23 | 128 | 600649 | 42.643 | ng | 99 |
| 9) Benzaldehyde | 6.80 | 77 | 261853 | 35.461 | ng | 99 |
| 10) Phenol | 6.88 | 94 | 618018 | 42.105 | ng | 98 |
| 11) bis(2-Chloroethyl)ether | 7.09 | 93 | 472486 | 40.670 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.55 | 146 | 676036 | 39.472 | ng | 99 |
| 13) 1,4-Dichlorobenzene | 7.70 | 146 | 685657 | 39.656 | ng | 99 |
| 14) 1,2-Dichlorobenzene | 8.01 | 146 | 659714 | 40.246 | ng | 99 |
| 15) Benzyl Alcohol | 7.90 | 79 | 389157 | 43.608 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropropan | 8.19 | 45 | 373304 | 37.918 | ng | 99 |
| 17) 2-Methylphenol | 8.11 | 107 | 443105 | 42.376 | ng | 98 |
| 18) Hexachloroethane | 8.74 | 117 | 225389 | 39.846 | ng | 96 |
| 19) n-Nitroso-di-n-propylamine | 8.47 | 70 | 286946 | 40.099 | ng | 100 |
| 20) 3+4-Methylphenols | 8.43 | 107 | 589426 | 41.837 | ng | 98 |
| 22) Acetophenone | 8.48 | 105 | 750485 | 39.291 | ng | 99 |
| 24) Nitrobenzene | 8.85 | 77 | 473549 | 40.525 | ng | 99 |
| 25) Isophorone | 9.38 | 82 | 878852 | 41.867 | ng | 99 |
| 26) 2-Nitrophenol | 9.56 | 139 | 311213 | 44.683 | ng | 98 |
| 27) 2,4-Dimethylphenol | 9.63 | 122 | 505036 | 48.236 | ng | 97 |
| 28) bis(2-Chloroethoxy)methane | 9.86 | 93 | 590308 | 37.756 | ng | 100 |
| 29) 2,4-Dichlorophenol | 10.09 | 162 | 549928 | 42.335 | ng | 99 |
| 30) 1,2,4-Trichlorobenzene | 10.31 | 180 | 611593 | 39.543 | ng | 99 |
| 31) Naphthalene | 10.49 | 128 | 1762096 | 39.988 | ng | 100 |
| 32) Benzoic acid | 9.78 | 122 | 275791 | 36.664 | ng | 97 |
| 33) 4-Chloroaniline | 10.60 | 127 | 245074 | 13.311 | ng | 99 |
| 34) Hexachlorobutadiene | 10.79 | 225 | 359109 | 38.687 | ng | 99 |
| 35) Caprolactam | 11.36 | 113 | 151983 | 38.934 | ng | 99 |
| 36) 4-Chloro-3-methylphenol | 11.74 | 107 | 491311 | 40.508 | ng | 98 |
| 37) 2-Methylnaphthalene | 12.11 | 142 | 1255755 | 39.837 | ng | 99 |
| 38) 1-Methylnaphthalene | 12.33 | 142 | 1181957 | 39.450 | ng | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216 | 619596 | 42.394 | ng | 99 |

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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 12.48 | 237 | 762201 | 110.324 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 12.73 | 196 | 408066 | 42.463 | ng | 99 |
| 44) 2,4,5-Trichlorophenol | 12.80 | 196 | 437667 | 43.056 | ng | 100 |
| 46) 1,1'-Biphenyl | 13.13 | 154 | 1561214 | 42.210 | ng | 100 |
| 47) 2-Chloronaphthalene | 13.17 | 162 | 1196114 | 39.508 | ng | 99 |
| 48) 2-Nitroaniline | 13.37 | 65 | 226576 | 39.970 | ng | 99 |
| 49) Acenaphthylene | 14.02 | 152 | 1893641 | 41.364 | ng | 100 |
| 50) Dimethylphthalate | 13.77 | 163 | 1802003 | 47.921 | ng | 100 |
| 51) 2,6-Dinitrotoluene | 13.87 | 165 | 317694 | 40.651 | ng | 99 |
| 52) Acenaphthene | 14.37 | 154 | 1110551 | 39.486 | ng | 98 |
| 53) 3-Nitroaniline | 14.20 | 138 | 183169 | 20.687 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.42 | 184 | 315731 | 74.541 | ng | 97 |
| 55) Dibenzofuran | 14.70 | 168 | 1747595 | 39.565 | ng | 99 |
| 56) 4-Nitrophenol | 14.53 | 139 | 548000 | 86.026 | ng | 98 |
| 57) 2,4-Dinitrotoluene | 14.67 | 165 | 424164 | 40.365 | ng | 98 |
| 58) Fluorene | 15.36 | 166 | 1326418 | 38.983 | ng | 100 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.93 | 232 | 379416 | 41.255 | ng | 99 |
| 60) Diethylphthalate | 15.14 | 149 | 1392837 | 37.754 | ng | 100 |
| 61) 4-Chlorophenyl-phenylether | 15.36 | 204 | 680797 | 38.745 | ng | 100 |
| 62) 4-Nitroaniline | 15.37 | 138 | 315169 | 34.627 | ng | 98 |
| 63) Azobenzene | 15.65 | 77 | 966988 | 39.493 | ng | 99 |
| 65) 4,6-Dinitro-2-methylphenol | 15.44 | 198 | 223801 | 47.831 | ng | 99 |
| 66) n-Nitrosodiphenylamine | 15.57 | 169 | 1204272 | 42.096 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.25 | 248 | 442822 | 41.010 | ng | 99 |
| 68) Hexachlorobenzene | 16.37 | 284 | 514001 | 39.983 | ng | 99 |
| 69) Atrazine | 16.53 | 200 | 367141 | 38.051 | ng | 100 |
| 70) Pentachlorophenol | 16.72 | 266 | 606833 | 98.712 | ng | 99 |
| 71) Phenanthrene | 17.10 | 178 | 2114899 | 39.893 | ng | 100 |
| 72) Anthracene | 17.19 | 178 | 2159826 | 42.568 | ng | 100 |
| 73) Carbazole | 17.46 | 167 | 1943255 | 39.907 | ng | 99 |
| 74) Di-n-butylphthalate | 18.03 | 149 | 2318246 | 40.499 | ng | 100 |
| 75) Fluoranthene | 19.07 | 202 | 2410205 | 39.336 | ng | 100 |
| 77) Benzidine | 19.26 | 184 | 1230837 | 58.256 | ng | 99 |
| 78) Pyrene | 19.43 | 202 | 2456652 | 40.945 | ng | 100 |
| 80) Butylbenzylphthalate | 20.31 | 149 | 1011707 | 40.954 | ng | 98 |
| 81) Benzo(a)anthracene | 21.13 | 228 | 2321563 | 40.092 | ng | 100 |
| 82) 3,3'-Dichlorobenzidine | 21.07 | 252 | 682522 | 32.043 | ng | 100 |
| 83) Chrysene | 21.19 | 228 | 2205105 | 39.773 | ng | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.08 | 149 | 1478234 | 41.435 | ng | 100 |
| 85) Di-n-octyl phthalate | 21.95 | 149 | 2579572 | 42.173 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 3471112 | 41.912 | ng | 99 |
| 88) Benzo(b)fluoranthene | 22.72 | 252 | 2552989 | 36.987 | ng | 100 |
| 89) Benzo(k)fluoranthene | 22.76 | 252 | 2543995 | 38.575 | ng | 99 |
| 90) Benzo(a)pyrene | 23.29 | 252 | 2424832 | 37.867 | ng | 99 |
| 91) Dibenzo(a,h)anthracene | 25.67 | 278 | 2881649 | 42.356 | ng | 100 |
| 92) Benzo(g,h,i)perylene | 26.36 | 276 | 2997085 | 43.897 | ng | 100 |

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

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