

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP111820\  
 Data File : BP003990.D  
 Acq On : 18 Nov 2020 13:01  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Nov 18 14:50:25 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_P\METHODS\8270-BP110320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 12 15:22:47 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.287  | 152  | 161426   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.122 | 136  | 625047   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.910 | 164  | 387454   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.645 | 188  | 808760   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.680 | 240  | 704397   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 24.174 | 264  | 738494   | 20.00 | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.805  | 112  | 735306   | 76.02 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.458  | 99   | 1055201  | 76.00 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.452  | 82   | 955393   | 74.86 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.398 | 330  | 368352   | 76.01 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.534 | 172  | 2073105  | 74.80 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.145 | 244  | 2914298  | 79.93 | ng    | 0.01     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.499  | 88   | 147608   | 35.37 | ng    | # 59     |
| 3) Pyridine                   | 3.934  | 79   | 442680   | 36.17 | ng    | # 59     |
| 4) n-Nitrosodimethylamine     | 3.834  | 42   | 218685   | 38.81 | ng    | # 53     |
| 6) Aniline                    | 7.587  | 93   | 606334   | 38.46 | ng    | # 84     |
| 8) 2-Chlorophenol             | 7.858  | 128  | 396697   | 38.63 | ng    | # 79     |
| 9) Benzaldehyde               | 7.387  | 77   | 259955   | 42.36 | ng    | # 80     |
| 10) Phenol                    | 7.481  | 94   | 505971   | 37.76 | ng    | 80       |
| 11) bis(2-Chloroethyl)ether   | 7.675  | 93   | 404984   | 37.61 | ng    | # 80     |
| 12) 1,3-Dichlorobenzene       | 8.181  | 146  | 476516   | 37.86 | ng    | # 95     |
| 13) 1,4-Dichlorobenzene       | 8.322  | 146  | 482681   | 38.04 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.652  | 146  | 460398   | 37.99 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.522  | 79   | 384829   | 40.02 | ng    | 89       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.816  | 45   | 678796   | 37.43 | ng    | 82       |
| 17) 2-Methylphenol            | 8.752  | 107  | 342730   | 38.96 | ng    | # 94     |
| 18) Hexachloroethane          | 9.399  | 117  | 180991   | 40.14 | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 9.087  | 70   | 329123   | 39.66 | ng    | # 75     |
| 20) 3+4-Methylphenols         | 9.075  | 107  | 465433   | 39.64 | ng    | 94       |
| 22) Acetophenone              | 9.105  | 105  | 628796   | 37.48 | ng    | # 84     |
| 24) Nitrobenzene              | 9.493  | 77   | 486130   | 38.33 | ng    | # 80     |
| 25) Isophorone                | 10.016 | 82   | 858920   | 39.62 | ng    | # 89     |
| 26) 2-Nitrophenol             | 10.216 | 139  | 224325   | 45.30 | ng    | # 72     |
| 27) 2,4-Dimethylphenol        | 10.287 | 122  | 316697   | 38.34 | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 10.487 | 93   | 551405   | 37.07 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.775 | 162  | 383731   | 38.55 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.987 | 180  | 458553   | 37.81 | ng    | 99       |
| 31) Naphthalene               | 11.169 | 128  | 1246318  | 37.16 | ng    | 100      |
| 32) Benzoic acid              | 10.457 | 122  | 124761   | 26.10 | ng    | # 84     |
| 33) 4-Chloroaniline           | 11.263 | 127  | 535067   | 37.54 | ng    | # 89     |
| 34) Hexachlorobutadiene       | 11.481 | 225  | 299900   | 37.91 | ng    | 100      |
| 35) Caprolactam               | 12.004 | 113  | 128066   | 41.61 | ng    | # 10     |
| 36) 4-Chloro-3-methylphenol   | 12.393 | 107  | 415000   | 38.62 | ng    | 88       |
| 37) 2-Methylnaphthalene       | 12.757 | 142  | 883652   | 36.82 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.975 | 142  | 838637   | 36.63 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 13.134 | 216  | 487200   | 37.99 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.128 | 237  | 229629   | 35.50 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.363 | 196  | 307212   | 38.76 | ng    | 100      |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.446 | 196  | 317693   | 38.06 | ng    | # 96     |
| 46) 1,1'-Biphenyl             | 13.746 | 154  | 1128826  | 37.53 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.793 | 162  | 933575   | 37.83 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.975 | 65   | 319518   | 43.39 | ng    | # 59     |
| 49) Acenaphthylene            | 14.634 | 152  | 1384622  | 38.21 | ng    | 99       |
| 50) Dimethylphthalate         | 14.340 | 163  | 1156074  | 38.17 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.457 | 165  | 250485   | 40.31 | ng    | # 71     |
| 52) Acenaphthene              | 14.975 | 154  | 902024   | 37.37 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.793 | 138  | 275094   | 39.99 | ng    | # 74     |
| 54) 2,4-Dinitrophenol         | 15.004 | 184  | 87174    | 34.25 | ng    | # 73     |
| 55) Dibenzofuran              | 15.304 | 168  | 1333385  | 37.18 | ng    | 100      |
| 56) 4-Nitrophenol             | 15.128 | 139  | 177642   | 35.83 | ng    | # 69     |
| 57) 2,4-Dinitrotoluene        | 15.251 | 165  | 345140   | 41.37 | ng    | # 75     |
| 58) Fluorene                  | 15.951 | 166  | 1069516  | 37.24 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.545 | 232  | 270850   | 36.00 | ng    | 98       |
| 60) Diethylphthalate          | 15.693 | 149  | 1142142  | 38.52 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.928 | 204  | 583369   | 37.17 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.951 | 138  | 294843   | 41.12 | ng    | 87       |
| 63) Azobenzene                | 16.222 | 77   | 1060709  | 37.88 | ng    | 84       |
| 65) 4,6-Dinitro-2-methylph... | 16.034 | 198  | 158545   | 37.94 | ng    | # 84     |
| 66) n-Nitrosodiphenylamine    | 16.140 | 169  | 934415   | 37.74 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.822 | 248  | 362072   | 38.26 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.987 | 284  | 402686   | 37.29 | ng    | 96       |
| 69) Atrazine                  | 17.075 | 200  | 315682   | 38.84 | ng    | 99       |
| 70) Pentachlorophenol         | 17.322 | 266  | 191464   | 37.07 | ng    | 98       |
| 71) Phenanthrene              | 17.687 | 178  | 1683127  | 37.08 | ng    | 99       |
| 72) Anthracene                | 17.775 | 178  | 1648081  | 37.59 | ng    | 100      |
| 73) Carbazole                 | 18.034 | 167  | 1533903  | 37.72 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.545 | 149  | 1943817  | 41.29 | ng    | # 99     |
| 75) Fluoranthene              | 19.622 | 202  | 1939126  | 37.03 | ng    | 99       |
| 77) Benzidine                 | 19.769 | 184  | 704101   | 42.38 | ng    | 100      |
| 78) Pyrene                    | 19.975 | 202  | 1958925  | 40.98 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.786 | 149  | 843175   | 47.34 | ng    | # 84     |
| 81) Benzo(a)anthracene        | 21.669 | 228  | 1785030  | 38.43 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.575 | 252  | 642820   | 40.12 | ng    | 100      |
| 83) Chrysene                  | 21.722 | 228  | 1700426  | 38.10 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.539 | 149  | 1174174  | 44.72 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.474 | 149  | 1999258  | 45.71 | ng    | # 86     |
| 87) Indeno(1,2,3-cd)pyrene    | 26.757 | 276  | 1941281  | 36.44 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.416 | 252  | 1732076  | 35.84 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.463 | 252  | 1692629  | 35.47 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.069 | 252  | 1633910  | 36.52 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.751 | 278  | 1622581  | 36.54 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.551 | 276  | 1572349  | 36.58 | ng    | 97       |

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

