Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003415.D
Acq On : 30 Sep 2020 16:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDCCC040

Quant Time: Oct 01 10:05:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 10:05:32 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.534 | 152 | 101757 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.310 | 136 | 386197 | 20.00 | ng | | # 0.00 |
| 39) Acenaphthene-d10 | 14.193 | 164 | 240014 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.945 | 188 | 540705 | 20.00 | ng | | # 0.00 |
| 76) Chrysene-d12 | 21.063 | 240 | 585519 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.257 | 264 | 649108 | 20.00 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.152 | 112 | 478477 | 82.11 | ng | | 0.00 |
| 7) Phenol-d6 | 6.740 | 99 | 639866 | 82.38 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.687 | 82 | 543875 | 82.73 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.692 | 330 | 265935 | 72.64 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.804 | 172 | 1241300 | 75.64 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.533 | 244 | 2074767 | 73.83 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.058 | 88 | 102811 | 42.93 | ng | | 99 |
| 3) Pyridine | 3.446 | 79 | 274392 | 43.03 | ng | | 91 |
| 4) n-Nitrosodimethylamine | 3.364 | 42 | 79300 | 41.58 | ng | | 99 |
| 6) Aniline | 6.869 | 93 | 360572 | 40.42 | ng | | 94 |
| 8) 2-Chlorophenol | 7.111 | 128 | 249109 | 38.38 | ng | | 90 |
| 9) Benzaldehyde | 6.681 | 77 | 165491 | 38.20 | ng | | 87 |
| 10) Phenol | 6.769 | 94 | 306917 | 41.37 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.969 | 93 | 238368 | 40.54 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 7.428 | 146 | 295555 | 38.09 | ng | # | 95 |
| 13) 1,4-Dichlorobenzene | 7.569 | 146 | 299271 | 38.13 | ng | # | 95 |
| 14) 1,2-Dichlorobenzene | 7.887 | 146 | 280612 | 37.24 | ng | | 97 |
| 15) Benzyl Alcohol | 7.787 | 79 | 218254 | 42.28 | ng | | 91 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.069 | 45 | 183471 | 42.92 | ng | | 90 |
| 17) 2-Methylphenol | 8.005 | 107 | 210646 | 39.26 | ng | | 96 |
| 18) Hexachloroethane | 8.605 | 117 | 114372 | 39.10 | ng | | 93 |
| 19) n-Nitroso-di-n-propyla... | 8.346 | 70 | 168704 | 40.54 | ng | # | 94 |
| 20) 3+4-Methylphenols | 8.334 | 107 | 276793 | 38.77 | ng | | 92 |
| 22) Acetophenone | 8.358 | 105 | 365700 | 38.56 | ng | | 95 |
| 24) Nitrobenzene | 8.728 | 77 | 273750 | 41.62 | ng | # | 86 |
| 25) Isophorone | 9.252 | 82 | 492054 | 40.84 | ng | # | 91 |
| 26) 2-Nitrophenol | 9.440 | 139 | 137964 | 38.40 | ng | # | 82 |
| 27) 2,4-Dimethylphenol | 9.522 | 122 | 194248 | 38.23 | ng | | 90 |
| 28) bis(2-Chloroethoxy)met... | 9.740 | 93 | 325091 | 40.54 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 9.987 | 162 | 236625 | 37.27 | ng | | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.187 | 180 | 274934 | 36.50 | ng | | 99 |
| 31) Naphthalene | 10.363 | 128 | 770715 | 37.78 | ng | | 99 |
| 32) Benzoic acid | 9.716 | 122 | 111986 | 34.08 | ng | # | 81 |
| 33) 4-Chloroaniline | 10.481 | 127 | 334741 | 38.62 | ng | # | 93 |
| 34) Hexachlorobutadiene | 10.657 | 225 | 181412 | 35.28 | ng | | 99 |
| 35) Caprolactam | 11.252 | 113 | 79385 | 37.47 | ng | | 88 |
| 36) 4-Chloro-3-methylphenol | 11.646 | 107 | 261820 | 38.25 | ng | | 91 |
| 37) 2-Methylnaphthalene | 11.987 | 142 | 544152 | 36.82 | ng | | 97 |
| 38) 1-Methylnaphthalene | 12.210 | 142 | 514119 | 36.64 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 12.375 | 216 | 290988 | 37.03 | ng | | 99 |
| 41) Hexachlorocyclopentadiene | 12.351 | 237 | 45724 | 27.48 | ng | | 95 |
| 43) 2,4,6-Trichlorophenol | 12.628 | 196 | 187117 | 36.83 | ng | | 99 |

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Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTDCCC040

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 12.716 | 196 | 196408 | 37.58 | ng | # | 95 |
| 46) 1,1'-Biphenyl | 13.016 | 154 | 689082 | 38.49 | ng | | 98 |
| 47) 2-Chloronaphthalene | 13.057 | 162 | 566722 | 38.23 | ng | | 97 |
| 48) 2-Nitroaniline | 13.275 | 65 | 164190 | 43.77 | ng | # | 76 |
| 49) Acenaphthylene | 13.910 | 152 | 873265 | 38.56 | ng | | 100 |
| 50) Dimethylphthalate | 13.657 | 163 | 726877 | 37.93 | ng | | 100 |
| 51) 2,6-Dinitrotoluene | 13.775 | 165 | 157840 | 38.42 | ng | # | 76 |
| 52) Acenaphthene | 14.257 | 154 | 525494 | 38.12 | ng | | 100 |
| 53) 3-Nitroaniline | 14.110 | 138 | 179806 | 40.39 | ng | # | 76 |
| 54) 2,4-Dinitrophenol | 14.345 | 184 | 53497 | 32.28 | ng | # | 87 |
| 55) Dibenzofuran | 14.598 | 168 | 821394 | 37.34 | ng | | 96 |
| 56) 4-Nitrophenol | 14.475 | 139 | 92317 | 33.93 | ng | # | 72 |
| 57) 2,4-Dinitrotoluene | 14.581 | 165 | 217832 | 38.23 | ng | # | 67 |
| 58) Fluorene | 15.251 | 166 | 651668 | 37.50 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.840 | 232 | 181989 | 37.03 | ng | | 98 |
| 60) Diethylphthalate | 15.034 | 149 | 746569 | 38.19 | ng | | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.245 | 204 | 345976 | 36.47 | ng | | 98 |
| 62) 4-Nitroaniline | 15.281 | 138 | 194936 | 41.26 | ng | # | 74 |
| 63) Azobenzene | 15.540 | 77 | 635249 | 42.63 | ng | | 91 |
| 65) 4,6-Dinitro-2-methylph... | 15.363 | 198 | 103104 | 36.14 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 15.463 | 169 | 595171 | 37.47 | ng | | 100 |
| 67) 4-Bromophenyl-phenylether | 16.145 | 248 | 238771 | 36.53 | ng | | 98 |
| 68) Hexachlorobenzene | 16.269 | 284 | 280370 | 36.11 | ng | | 97 |
| 69) Atrazine | 16.428 | 200 | 225453 | 36.19 | ng | | 98 |
| 70) Pentachlorophenol | 16.622 | 266 | 79888 | 28.71 | ng | | 95 |
| 71) Phenanthrene | 16.992 | 178 | 1099409 | 37.37 | ng | | 99 |
| 72) Anthracene | 17.081 | 178 | 1077861 | 37.18 | ng | | 100 |
| 73) Carbazole | 17.363 | 167 | 1033609 | 37.53 | ng | | 99 |
| 74) Di-n-butylphthalate | 17.928 | 149 | 1307887 | 37.15 | ng | # | 99 |
| 75) Fluoranthene | 18.981 | 202 | 1368275 | 36.99 | ng | | 99 |
| 77) Benzidine | 19.163 | 184 | 564537 | 31.09 | ng | | 99 |
| 78) Pyrene | 19.333 | 202 | 1391163 | 38.10 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.216 | 149 | 636472 | 38.10 | ng | # | 87 |
| 81) Benzo(a)anthracene | 21.045 | 228 | 1398582 | 36.95 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 20.980 | 252 | 543855 | 37.18 | ng | | 98 |
| 83) Chrysene | 21.098 | 228 | 1358856 | 37.37 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 20.980 | 149 | 862300 | 36.66 | ng | | 98 |
| 85) Di-n-octyl phthalate | 21.839 | 149 | 1590787 | 37.02 | ng | # | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 25.498 | 276 | 1882905 | 38.27 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 22.592 | 252 | 1517561 | 37.02 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 22.645 | 252 | 1504456 | 38.30 | ng | | 98 |
| 90) Benzo(a)pyrene | 23.163 | 252 | 1464243 | 37.88 | ng | | 98 |
| 91) Dibenzo(a,h)anthracene | 25.510 | 278 | 1543958 | 38.03 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 26.198 | 276 | 1551024 | 38.27 | ng | | 98 |

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

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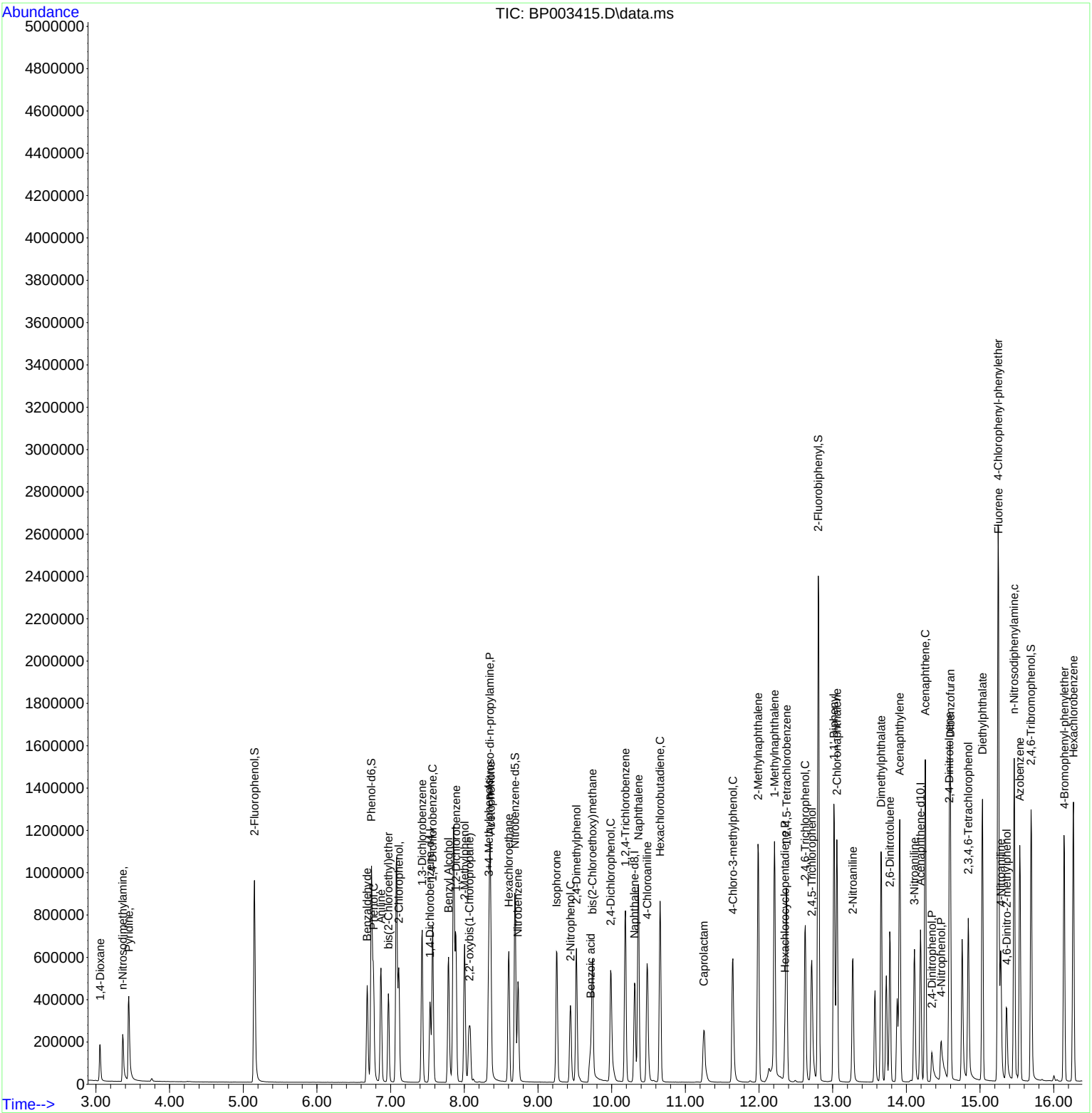

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