Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
Data File : BF126747.D
Acq On : 31 Jan 2022 13:31
Operator : CG/JU
Sample : N1287-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
WASTE-CHARACTER-2MS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 02/01/2022
Supervised By :Jagrut Upadhyay 02/01/2022

Quant Time: Feb 01 02:40:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 27 03:09:40 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.957 | 152 | 148689 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.245 | 136 | 591857 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 10.004 | 164 | 322561 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.498 | 188 | 549120 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 14.145 | 240 | 361555 | 20.000 | ng | # | 0.00 |
| 86) Perylene-d12 | 15.668 | 264 | 278755 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.593 | 112 | 931632 | 82.450 | ng | | 0.02 |
| 7) Phenol-d6 | 6.581 | 99 | 1205762 | 76.804 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.522 | 82 | 995259 | 65.819 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.798 | 330 | 284965 | 94.401 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.316 | 172 | 1296604 | 61.562 | ng | | 0.00 |
| 79) Terphenyl-d14 | 13.086 | 244 | 1461198 | 67.785 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.852 | 88 | 163773 | 29.408 | ng | # | 86 |
| 3) Pyridine | 3.610 | 79 | 292320 | 18.738 | ng | # | 82 |
| 4) n-Nitrosodimethylamine | 3.575 | 42 | 148057 | 26.823 | ng | # | 64 |
| 6) Aniline | 6.622 | 93 | 355042m | 18.047 | ng | | |
| 8) 2-Chlorophenol | 6.745 | 128 | 338179 | 32.630 | ng | | 99 |
| 9) Benzaldehyde | 6.510 | 77 | 183958 | 15.493 | ng | | 86 |
| 10) Phenol | 6.593 | 94 | 467365 | 27.990 | ng | | 99 |
| 11) bis(2-Chloroethyl)ether | 6.693 | 93 | 448767 | 33.120 | ng | | 93 |
| 12) 1,3-Dichlorobenzene | 6.898 | 146 | 366312 | 31.838 | ng | # | 95 |
| 13) 1,4-Dichlorobenzene | 6.975 | 146 | 367903 | 31.665 | ng | | 94 |
| 14) 1,2-Dichlorobenzene | 7.128 | 146 | 352324 | 32.166 | ng | | 98 |
| 15) Benzyl Alcohol | 7.098 | 79 | 352246 | 25.167 | ng | | 94 |
| 16) 2,2'-oxybis(1-Chloropr... | 7.228 | 45 | 497888 | 32.207 | ng | | 82 |
| 17) 2-Methylphenol | 7.204 | 107 | 320821 | 31.486 | ng | | 95 |
| 18) Hexachloroethane | 7.469 | 117 | 103795 | 22.125 | ng | | 97 |
| 19) n-Nitroso-di-n-propyla... | 7.363 | 70 | 332430 | 29.013 | ng | # | 85 |
| 20) 3+4-Methylphenols | 7.351 | 107 | 375222 | 28.401 | ng | # | 80 |
| 22) Acetophenone | 7.363 | 105 | 543726 | 29.810 | ng | # | 90 |
| 24) Nitrobenzene | 7.540 | 77 | 507449 | 32.508 | ng | # | 87 |
| 25) Isophorone | 7.775 | 82 | 914946 | 31.200 | ng | | 95 |
| 26) 2-Nitrophenol | 7.857 | 139 | 155375 | 38.157 | ng | # | 83 |
| 27) 2,4-Dimethylphenol | 7.887 | 122 | 319578 | 33.071 | ng | | 87 |
| 28) bis(2-Chloroethoxy)met... | 7.987 | 93 | 564579 | 30.869 | ng | | 98 |
| 29) 2,4-Dichlorophenol | 8.092 | 162 | 276688 | 30.185 | ng | | 96 |
| 30) 1,2,4-Trichlorobenzene | 8.181 | 180 | 301161 | 30.636 | ng | | 98 |
| 31) Naphthalene | 8.263 | 128 | 1006527 | 31.480 | ng | | 99 |
| 32) Benzoic acid | 7.939 | 122 | 22520m | 4.108 | ng | | |
| 33) 4-Chloroaniline | 8.310 | 127 | 182311 | 14.272 | ng | # | 95 |
| 34) Hexachlorobutadiene | 8.375 | 225 | 183262 | 29.308 | ng | | 99 |
| 35) Caprolactam | 8.675 | 113 | 83196 | 25.415 | ng | # | 77 |
| 36) 4-Chloro-3-methylphenol | 8.787 | 107 | 341802 | 28.514 | ng | | 89 |
| 37) 2-Methylnaphthalene | 8.957 | 142 | 634267 | 31.898 | ng | | 97 |
| 38) 1-Methylnaphthalene | 9.057 | 142 | 602903 | 31.282 | ng | | 99 |
| 40) 1,2,4,5-Tetrachloroben... | 9.122 | 216 | 297282 | 32.859 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 9.104 | 237 | 255172 | 46.324 | ng | | 96 |
| 43) 2,4,6-Trichlorophenol | 9.228 | 196 | 193673 | 30.029 | ng | | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 44) 2,4,5-Trichlorophenol | 9.275 | 196 | 206531 | 30.919 | ng | # | 89 |
| 46) 1,1'-Biphenyl | 9.422 | 154 | 793373 | 32.648 | ng | | 96 |
| 47) 2-Chloronaphthalene | 9.445 | 162 | 611618 | 32.035 | ng | | 99 |
| 48) 2-Nitroaniline | 9.539 | 65 | 261277 | 39.635 | ng | | 92 |
| 49) Acenaphthylene | 9.863 | 152 | 995870 | 33.252 | ng | | 99 |
| 50) Dimethylphthalate | 9.716 | 163 | 607234 | 26.542 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.781 | 165 | 120663 | 30.522 | ng | | 89 |
| 52) Acenaphthene | 10.039 | 154 | 586717 | 32.044 | ng | | 97 |
| 53) 3-Nitroaniline | 9.951 | 138 | 125097 | 27.677 | ng | | 82 |
| 54) 2,4-Dinitrophenol | 10.057 | 184 | 45807 | 33.383 | ng | # | 87 |
| 55) Dibenzofuran | 10.210 | 168 | 873969 | 31.763 | ng | | 98 |
| 56) 4-Nitrophenol | 10.104 | 139 | 181901 | 50.540 | ng | # | 78 |
| 57) 2,4-Dinitrotoluene | 10.186 | 165 | 144285 | 30.119 | ng | # | 90 |
| 58) Fluorene | 10.551 | 166 | 626031 | 30.135 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.322 | 232 | 158205 | 28.969 | ng | # | 84 |
| 60) Diethylphthalate | 10.416 | 149 | 648957 | 28.536 | ng | | 99 |
| 61) 4-Chlorophenyl-phenyle... | 10.545 | 204 | 328528 | 31.664 | ng | # | 85 |
| 62) 4-Nitroaniline | 10.569 | 138 | 159264 | 36.307 | ng | | 81 |
| 63) Azobenzene | 10.704 | 77 | 999733 | 29.705 | ng | | 91 |
| 65) 4,6-Dinitro-2-methylph... | 10.592 | 198 | 43826 | 21.512 | ng | | 96 |
| 66) n-Nitrosodiphenylamine | 10.663 | 169 | 577887 | 31.177 | ng | | 99 |
| 67) 4-Bromophenyl-phenylether | 11.033 | 248 | 204282 | 32.279 | ng | | 97 |
| 68) Hexachlorobenzene | 11.098 | 284 | 221797 | 32.848 | ng | | 93 |
| 69) Atrazine | 11.186 | 200 | 180319 | 30.460 | ng | | 93 |
| 70) Pentachlorophenol | 11.292 | 266 | 169191 | 43.091 | ng | | 98 |
| 71) Phenanthrene | 11.522 | 178 | 1008099 | 32.134 | ng | | 100 |
| 72) Anthracene | 11.575 | 178 | 1029443 | 32.705 | ng | | 99 |
| 73) Carbazole | 11.727 | 167 | 896264 | 30.329 | ng | | 98 |
| 74) Di-n-butylphthalate | 12.051 | 149 | 1027812 | 28.842 | ng | | 99 |
| 75) Fluoranthene | 12.716 | 202 | 998110 | 32.211 | ng | | 98 |
| 77) Benzidine | 12.833 | 184 | 115012 | 9.221 | ng | | 96 |
| 78) Pyrene | 12.945 | 202 | 1002358 | 34.282 | ng | | 99 |
| 80) Butylbenzylphthalate | 13.557 | 149 | 367168 | 28.905 | ng | # | 92 |
| 81) Benzo(a)anthracene | 14.133 | 228 | 800540 | 32.576 | ng | | 99 |
| 82) 3,3'-Dichlorobenzidine | 14.092 | 252 | 149359 | 18.501 | ng | # | 98 |
| 83) Chrysene | 14.174 | 228 | 745278 | 31.518 | ng | | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 14.116 | 149 | 552913 | 32.140 | ng | # | 98 |
| 85) Di-n-octyl phthalate | 14.733 | 149 | 758642 | 28.803 | ng | # | 94 |
| 87) Indeno(1,2,3-cd)pyrene | 17.233 | 276 | 645497 | 37.479 | ng | # | 92 |
| 88) Benzo(b)fluoranthene | 15.216 | 252 | 597339 | 32.314 | ng | # | 95 |
| 89) Benzo(k)fluoranthene | 15.245 | 252 | 600677 | 33.095 | ng | # | 96 |
| 90) Benzo(a)pyrene | 15.604 | 252 | 568830 | 37.820 | ng | # | 95 |
| 91) Dibenzo(a,h)anthracene | 17.251 | 278 | 554278 | 38.847 | ng | # | 94 |
| 92) Benzo(g,h,i)perylene | 17.709 | 276 | 563142 | 40.251 | ng | # | 90 |

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

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