Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_F\DATA\BF062919\
Data File : BF115318.D
Acq On : 29 Jun 2019 13:06
Operator : HP/JU
Sample : K3531-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** FK-GF-02-043-B

Quant Time: Jun 30 02:14:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.60 | 152 | 191760 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 7.88 | 136 | 752777 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.62 | 164 | 371445 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.10 | 188 | 755339 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.71 | 240 | 666036 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.08 | 264 | 689439 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 1103614 | 88.81 | ng | | 0.00 |
| 7) Phenol-d6 | 6.24 | 99 | 1406393 | 93.25 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.16 | 82 | 827801 | 67.65 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.41 | 330 | 404032 | 103.15 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 8.95 | 172 | 1560323 | 71.35 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.68 | 244 | 1851497 | 59.10 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.15 | 88 | 127 | 0.022 | ng | # | 1 |
| 3) Pyridine | 3.00 | 79 | 115 | 0.007 | ng | # | 1 |
| 6) Aniline | 6.25 | 93 | 292 | 0.014 | ng | # | 1 |
| 8) 2-Chlorophenol | 6.38 | 128 | 322 | 0.023 | ng | # | 1 |
| 9) Benzaldehyde | 6.24 | 77 | 2010 | 0.204 | ng | # | 1 |
| 10) Phenol | 6.25 | 94 | 5604 | 0.317 | ng | | 89 |
| 11) bis(2-Chloroethyl)ether | 6.37 | 93 | 1590 | 0.122 | ng | # | 1 |
| 15) Benzyl Alcohol | 6.75 | 79 | 13518 | 1.231 | ng | # | 38 |
| 22) Acetophenone | 7.00 | 105 | 346 | 0.020 | ng | # | 52 |
| 24) Nitrobenzene | 7.16 | 77 | 2517 | 0.187 | ng | # | 33 |
| 28) bis(2-Chloroethoxy)methane | 7.88 | 93 | 144 | 0.009 | ng | # | 1 |
| 31) Naphthalene | 7.90 | 128 | 5194 | 0.141 | ng | | 99 |
| 33) 4-Chloroaniline | 7.90 | 127 | 632 | 0.037 | ng | # | 47 |
| 37) 2-Methylnaphthalene | 8.59 | 142 | 2092 | 0.084 | ng | | 88 |
| 38) 1-Methylnaphthalene | 8.69 | 142 | 1314 | 0.055 | ng | # | 83 |
| 46) 1,1'-Biphenyl | 9.05 | 154 | 3419 | 0.115 | ng | | 93 |
| 47) 2-Chloronaphthalene | 9.35 | 162 | 923 | 0.038 | ng | # | 1 |
| 48) 2-Nitroaniline | 9.35 | 65 | 1577 | 0.224 | ng | # | 1 |
| 49) Acenaphthylene | 9.48 | 152 | 7355 | 0.196 | ng | | 98 |
| 50) Dimethylphthalate | 9.35 | 163 | 179834 | 6.581 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.35 | 165 | 1818 | 0.288 | ng | # | 18 |
| 52) Acenaphthene | 9.65 | 154 | 2402 | 0.102 | ng | | 90 |
| 55) Dibenzofuran | 9.82 | 168 | 2978 | 0.088 | ng | # | 87 |
| 56) 4-Nitrophenol | 9.82 | 139 | 1100 | 0.178 | ng | # | 11 |
| 60) Diethylphthalate | 10.05 | 149 | 939 | 0.034 | ng | # | 83 |
| 63) Azobenzene | 10.32 | 77 | 1231 | 0.048 | ng | # | 1 |
| 66) n-Nitrosodiphenylamine | 10.28 | 169 | 621 | 0.026 | ng | # | 71 |
| 71) Phenanthrene | 11.12 | 178 | 48548 | 1.194 | ng | | 96 |
| 72) Anthracene | 11.17 | 178 | 15632 | 0.381 | ng | | 96 |
| 73) Carbazole | 11.32 | 167 | 5637 | 0.154 | ng | | 97 |
| 74) Di-n-butylphthalate | 11.67 | 149 | 4636 | 0.109 | ng | # | 91 |
| 75) Fluoranthene | 12.30 | 202 | 113830 | 2.805 | ng | | 96 |
| 77) Benzidine | 12.42 | 184 | 881 | 0.030 | ng | # | 1 |
| 78) Pyrene | 12.52 | 202 | 117130 | 2.288 | ng | | 97 |

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|---|---|---|---|---|---|---|---|
| 80) Butylbenzylphthalate | 13.16 | 149 | 1142 | 0.051 | ng | # | 77 |
| 81) Benzo(a)anthracene | 13.70 | 228 | 63169 | 1.322 | ng | | 95 |
| 82) 3,3'-Dichlorobenzidine | 13.68 | 252 | 935 | 0.054 | ng | # | 43 |
| 83) Chrysene | 13.74 | 228 | 60580 | 1.384 | ng | | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 13.72 | 149 | 6444 | 0.218 | ng | # | 88 |
| 85) Di-n-octyl phthalate | 14.34 | 149 | 812 | 0.016 | ng | # | 1 |
| 86) Indeno(1,2,3-cd)pyrene | 16.33 | 276 | 31663 | 0.611 | ng | | 99 |
| 90) Benzo(a)pyrene | 15.02 | 252 | 54289 | 1.400 | ng | # | 95 |
| 91) Dibenzo(a,h)anthracene | 16.35 | 278 | 8715 | 0.241 | ng | # | 62 |
| 92) Benzo(g,h,i)perylene | 16.71 | 276 | 28756 | 0.785 | ng | | 95 |

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

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