Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004424.D
Acq On : 26 Feb 2016 11:02
Operator : SJ/UM
Sample : H1564-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9R21

Quant Time: Feb 29 09:31:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 23:20:20 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 21109 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.40 | 136 | 92427 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.27 | 164 | 51701 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.03 | 188 | 107131 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.24 | 240 | 106355 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.47 | 264 | 106494 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.08 | 96 | 2912 | 7.27 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.80 | 99 | 62419 | 35.27 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 32456 | 36.05 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.15 | 132 | 57250 | 37.50 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.34 | 113 | 54642 | 34.55 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.77 | 128 | 27540 | 39.17 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.49 | 143 | 30989 | 38.66 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.04 | 165 | 54486 | 37.61 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 64452 | 35.69 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.69 | 166 | 162519 | 36.65 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.97 | 160 | 203015 | 39.11 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.53 | 143 | 21019 | 29.49 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.27 | 176 | 139357 | 36.96 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 24847 | 37.76 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.13 | 188 | 204387 | 38.94 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.44 | 212 | 211079 | 41.03 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.33 | 264 | 220528 | 39.46 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.83 | 94 | 37560 | 19.90 | ng/ul | 97 |
| 8) Bis(2-Chloroethyl)ether | 7.05 | 93 | 85662 | 61.31 | ng/ul | 95 |
| 11) 2-Methylphenol | 8.07 | 108 | 90794 | 58.99 | ng/ul | 100 |
| 15) N-Nitroso-di-n-propylamine | 8.43 | 70 | 68607 | 57.61 | ng/ul | 94 |
| 16) 4-Methylphenol | 8.40 | 108 | 97526 | 57.78 | ng/ul | 86 |
| 17) Hexachloroethane | 8.68 | 117 | 25478 | 42.26 | ng/ul | 90 |
| 21) Isophorone | 9.33 | 82 | 127441 | 40.00 | ng/ul | 98 |
| 24) 2,4-Dimethylphenol | 9.60 | 107 | 79798 | 44.31 | ng/ul | 96 |
| 25) Bis(2-Chloroethoxy)methane | 9.82 | 93 | 96793 | 50.41 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.06 | 162 | 26772 | 17.54 | ng/ul | 98 |
| 28) Naphthalene | 10.45 | 128 | 132518 | 25.71 | ng/ul | 100 |
| 31) Hexachlorobutadiene | 10.73 | 225 | 65571 | 68.44 | ng/ul | 98 |
| 32) Caprolactam | 11.33 | 113 | 18492 | 34.79 | ng/ul | 87 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216 | 79506 | 46.25 | ng/ul | 98 |
| 38) Hexachlorocyclopentadiene | 12.42 | 237 | 24177 | 37.71 | ng/ul | 100 |
| 40) 2,4,5-Trichlorophenol | 12.79 | 196 | 50938 | 42.00 | ng/ul | 98 |
| 42) 2-Chloronaphthalene | 13.15 | 162 | 78583 | 23.25 | ng/ul | 98 |
| 45) Dimethylphthalate | 13.74 | 163 | 96354 | 20.84 | ng/ul | 100 |
| 48) Acenaphthylene | 14.00 | 152 | 144011 | 25.50 | ng/ul | 99 |
| 49) 3-Nitroaniline | 14.20 | 138 | 49360 | 53.65 | ng/ul | 97 |
| 50) Acenaphthene | 14.34 | 153 | 143084 | 37.10 | ng/ul | 98 |
| 51) 2,4-Dinitrophenol | 14.43 | 184 | 18285 | 43.46 | ng/ul | 95 |
| 54) Dibenzofuran | 14.68 | 168 | 115155 | 21.38 | ng/ul | 97 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004424.D
Acq On : 26 Feb 2016 11:02
Operator : SJ/UM
Sample : H1564-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9R21

Quant Time: Feb 29 09:31:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 23:20:20 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 59) Fluorene | 15.33 | 166 | 37403 | 8.38 | ng/ul | 99 |
| 60) 4-Chlorophenyl-phenylether | 15.33 | 204 | 76268 | 34.82 | ng/ul | 93 |
| 61) 4-Nitroaniline | 15.37 | 138 | 63019 | 63.55 | ng/ul | 89 |
| 64) 4,6-Dinitro-2-methylphenol | 15.44 | 198 | 54687 | 77.13 | ng/ul# | 92 |
| 69) Pentachlorophenol | 16.70 | 266 | 46328 | 90.47 | ng/ul | 100 |
| 72) Anthracene | 17.17 | 178 | 222907 | 34.10 | ng/ul | 100 |
| 75) Carbazole | 17.45 | 167 | 239002 | 41.95 | ng/ul | 99 |
| 77) Fluoranthene | 19.10 | 202 | 147830 | 20.28 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.37 | 149 | 78949 | 25.81 | ng/ul | 95 |
| 84) Bis(2-ethylhexyl)phthalate | 21.15 | 149 | 116284 | 25.72 | ng/ul | 99 |
| 85) Chrysene | 21.29 | 228 | 231597 | 35.19 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 22.84 | 252 | 294182 | 43.38 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.37 | 252 | 284851 | 42.60 | ng/ul | 100 |
| 92) Indeno(1,2,3-cd)pyrene | 25.70 | 276 | 126763 | 20.27 | ng/ul# | 93 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022616\
Data File : BM004424.D
Acq On : 26 Feb 2016 11:02
Operator : SJ/UM
Sample : H1564-25
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
D9R21

Quant Time: Feb 29 09:31:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 23:20:20 2016
Response via : Initial Calibration