Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091219\
Data File : BP000213.D
Acq On : 12 Sep 2019 13:14
Operator : HP/JU
Sample : K4633-07 30X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D05

Manual Integrations APPROVED
mohammad
9/16/2019 9:08:55 AM

Quant Time: Sep 13 13:12:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 02:43:18 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.89 | 152 | 325542 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 8.18 | 136 | 1232346 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 9.95 | 164 | 644629 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 11.45 | 188 | 1120320 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 14.16 | 240 | 804291 | 20.00 | ng/ul | 0.02 |
| 86) Perylene-d12 | 15.74 | 264 | 857762 | 20.00 | ng/ul | 0.05 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.63 | 96 | 1309m | 0.14 | ng/uL | 0.02 |
| 5) Phenol-d5 | 6.50 | 99 | 21500 | 0.78 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.57 | 67 | 11543 | 0.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.66 | 132 | 17595 | 0.78 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 7.26 | 113 | 15733 | 0.76 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 7.45 | 128 | 7519 | 0.80 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 7.78 | 143 | 7086 | 0.78 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 8.02 | 165 | 13812 | 0.71 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 8.23 | 131 | 2908 | 0.12 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 9.63 | 166 | 43875 | 0.92 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 9.79 | 160 | 52467 | 0.89 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 10.03 | 143 | 4933 | 0.58 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 10.47 | 176 | 35805 | 0.89 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.53 | 200 | 1059 | 0.21 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 11.51 | 188 | 53114 | 0.98 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 12.90 | 212 | 51740 | 1.08 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 15.63 | 264 | 59654m | 1.34 | ng/ul | 0.05 |
| **Target Compounds** | | | | | | Qvalue |
| 50) Acenaphthene | 9.98 | 153 | 88752 | 2.084 | ng/ul | 98 |
| 70) Phenanthrene | 11.47 | 178 | 1136043 | 17.147 | ng/ul | 98 |
| 72) Anthracene | 11.53 | 178 | 199983 | 3.068 | ng/ul | 98 |
| 75) Carbazole | 11.68 | 167 | 210074 | 3.769 | ng/ul | 100 |
| 77) Fluoranthene | 12.69 | 202 | 2565245 | 38.388 | ng/ul | 99 |
| 80) Pyrene | 12.93 | 202 | 2889051 | 47.611 | ng/ul | 94 |
| 83) Benzo(a)anthracene | 14.15 | 228 | 2355594 | 40.460 | ng/ul | 97 |
| 85) Chrysene | 14.19 | 228 | 2500197 | 46.798 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 15.28 | 252 | 2111533m | 37.142 | ng/ul | |
| 89) Benzo(k)fluoranthene | 15.29 | 252 | 1433341m | 26.747 | ng/ul | |
| 91) Benzo(a)pyrene | 15.67 | 252 | 2391237m | 44.830 | ng/ul | |
| 92) Indeno(1,2,3-cd)pyrene | 17.35 | 276 | 1249040 | 20.355 | ng/ul | 100 |
| 93) Dibenzo(a,h)anthracene | 17.35 | 278 | 461027 | 9.071 | ng/ul# | 83 |
| 94) Benzo(g,h,i)perylene | 17.82 | 276 | 1201862 | 23.491 | ng/ul | 99 |

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

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