Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091019\
Data File : BP000189.D
Acq On : 11 Sep 2019 01:05
Operator : HP/JU
Sample : K4633-16
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
F2D15

Manual Integrations APPROVED
mohammad
9/12/2019 10:25:56 AM

Quant Time: Sep 11 04:42:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.90 | 152 | 478015 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 8.18 | 136 | 1766920 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 9.95 | 164 | 894909 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 11.45 | 188 | 1457531 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 14.15 | 240 | 1151640 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 15.70 | 264 | 1101576 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.62 | 96 | 53434 | 3.96 | ng/uL | 0.02 |
| 5) Phenol-d5 | 6.52 | 99 | 1047237 | 25.72 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.57 | 67 | 547282 | 25.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.66 | 132 | 869027 | 26.39 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 7.26 | 113 | 741905 | 24.26 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 7.45 | 128 | 413035 | 30.79 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 7.77 | 143 | 449811 | 34.44 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 8.02 | 165 | 774015 | 27.92 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 8.23 | 131 | 583164 | 17.01 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 9.63 | 166 | 2015328 | 30.50 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 9.79 | 160 | 2363342 | 28.94 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 10.04 | 143 | 306938 | 25.99 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 10.47 | 176 | 1531709 | 27.29 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.53 | 200 | 109599 | 16.36 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 11.51 | 188 | 2101019 | 29.77 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 12.90 | 212 | 2095388 | 30.59 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 15.60 | 264 | 1780957 | 31.19 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.53 | 94 | 193324 | 4.556 | ng/ul | 96 |
| 45) Dimethylphthalate | 9.66 | 163 | 655368 | 9.828 | ng/ul | 99 |
| 70) Phenanthrene | 11.47 | 178 | 140354 | 1.628 | ng/ul | 99 |
| 77) Fluoranthene | 12.69 | 202 | 379848 | 4.369 | ng/ul | 98 |
| 80) Pyrene | 12.92 | 202 | 353087 | 4.064 | ng/ul | 94 |
| 83) Benzo(a)anthracene | 14.14 | 228 | 225809 | 2.709 | ng/ul | 96 |
| 84) Bis(2-ethylhexyl)phthalate | 14.16 | 149 | 65169m | 1.376 | ng/ul | |
| 85) Chrysene | 14.17 | 228 | 292886 | 3.829 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 15.24 | 252 | 348397m | 4.772 | ng/ul | |
| 89) Benzo(k)fluoranthene | 15.26 | 252 | 83965m | 1.220 | ng/ul | |
| 91) Benzo(a)pyrene | 15.63 | 252 | 200623 | 2.929 | ng/ul# | 77 |
| 92) Indeno(1,2,3-cd)pyrene | 17.26 | 276 | 143493 | 1.821 | ng/ul# | 89 |
| 94) Benzo(g,h,i)perylene | 17.73 | 276 | 147212 | 2.240 | ng/ul# | 91 |

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

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