Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101619\
Data File : BP000769.D
Acq On : 15 Oct 2019 16:33
Operator : JU
Sample : K5175-18
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BEP90

Manual Integrations APPROVED
mohammad
10/17/2019 7:59:08 AM

Quant Time: Oct 16 04:44:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 02:22:01 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.75 | 152 | 237203 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 8.03 | 136 | 908690 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 9.80 | 164 | 503515 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 11.29 | 188 | 911055 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 13.97 | 240 | 675416 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 15.45 | 264 | 728451 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.36 | 96 | 24334 | 4.26 | ng/uL | -0.02 |
| 5) Phenol-d5 | 6.39 | 99 | 403788 | 22.07 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.43 | 67 | 228165 | 24.94 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 6.52 | 132 | 365062 | 23.68 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 7.13 | 113 | 277996 | 19.89 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 7.30 | 128 | 180641 | 26.15 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 7.63 | 143 | 197660 | 26.87 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 7.88 | 165 | 328413 | 23.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 8.09 | 131 | 351095 | 22.43 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 9.49 | 166 | 958832 | 27.20 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 9.64 | 160 | 1137935 | 26.24 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 9.91 | 143 | 93036 | 17.14 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 10.32 | 176 | 835318 | 27.70 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 10.39 | 200 | 79975 | 18.43 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 11.35 | 188 | 1126517 | 26.69 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 12.74 | 212 | 1135868 | 29.74 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 15.36 | 264 | 1004101 | 27.92 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.40 | 94 | 61558 | 3.337 | ng/ul | 98 |
| 45) Dimethylphthalate | 9.51 | 163 | 340511 | 9.695 | ng/ul | 100 |
| 70) Phenanthrene | 11.32 | 178 | 201914 | 4.067 | ng/ul | 99 |
| 77) Fluoranthene | 12.52 | 202 | 444405 | 8.735 | ng/ul | 99 |
| 80) Pyrene | 12.76 | 202 | 436711 | 9.113 | ng/ul | 100 |
| 83) Benzo(a)anthracene | 13.96 | 228 | 219310 | 4.838 | ng/ul | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149 | 67290 | 2.585 | ng/ul | 100 |
| 85) Chrysene | 13.99 | 228 | 221507 | 5.257 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 15.02 | 252 | 272859 | 6.278 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 15.05 | 252 | 83803m | 2.025 | ng/ul | |
| 91) Benzo(a)pyrene | 15.39 | 252 | 193692 | 4.707 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 16.92 | 276 | 122503 | 2.597 | ng/ul | 97 |
| 94) Benzo(g,h,i)perylene | 17.36 | 276 | 107078 | 2.726 | ng/ul | 100 |

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

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