Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122018\
Data File : BM018343.D
Acq On : 20 Dec 2018 22:59
Operator : JU/SJ
Sample : J6388-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
P001-SS008-1218-01

**Manual Integrations APPROVED**
Sohil
12/21/2018 2:49:43 PM

Quant Time: Dec 21 03:00:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.49 | 152 | 152996 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.25 | 136 | 585441 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.14 | 164 | 302875 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 16.91 | 188 | 539462 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.14 | 240 | 554916 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 23.31 | 264 | 599950 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.13 | 112 | 1093371 | 119.38 | ng | | 0.00 |
| 7) Phenol-d6 | 6.70 | 99 | 1489623 | 117.02 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.65 | 82 | 965641 | 84.60 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.66 | 330 | 394510 | 88.75 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.75 | 172 | 1667584 | 71.31 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.57 | 244 | 1588292 | 64.73 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 6) Aniline | 6.85 | 93 | 37237 | 2.332 | ng | | 94 |
| 10) Phenol | 6.73 | 94 | 122383 | 9.078 | ng | | 93 |
| 20) 3+4-Methylphenols | 8.28 | 107 | 45201 | 3.583 | ng | | 89 |
| 27) 2,4-Dimethylphenol | 9.47 | 122 | 17453 | 2.165 | ng | # | 77 |
| 30) 1,2,4-Trichlorobenzene | 10.12 | 180 | 27539 | 2.709 | ng | | 95 |
| 49) Acenaphthylene | 13.87 | 152 | 163583 | 5.413 | ng | | 98 |
| 50) Dimethylphthalate | 13.62 | 163 | 92227 | 3.663 | ng | | 99 |
| 71) Phenanthrene | 16.96 | 178 | 431806 | 14.736 | ng | | 99 |
| 72) Anthracene | 17.04 | 178 | 138009 | 4.747 | ng | | 96 |
| 75) Fluoranthene | 18.99 | 202 | 319596 | 9.381 | ng | | 99 |
| 78) Pyrene | 19.36 | 202 | 539800 | 16.326 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.12 | 228 | 220116 | 6.790 | ng | # | 89 |
| 83) Chrysene | 21.17 | 228 | 234526 | 7.522 | ng | # | 94 |
| 86) Indeno(1,2,3-cd)pyrene | 25.44 | 276 | 128684 | 4.143 | ng | # | 94 |
| 88) Benzo(b)fluoranthene | 22.67 | 252 | 243628m | 7.229 | ng | | |
| 90) Benzo(a)pyrene | 23.21 | 252 | 227478 | 7.097 | ng | # | 89 |
| 92) Benzo(g,h,i)perylene | 26.11 | 276 | 186783 | 6.655 | ng | | 97 |

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

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