Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038778.D
Acq On : 17 Feb 2023 17:18
Operator : CG/JU
Sample : 01552-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SB-06-4.0-6.0

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 02/18/2023
Supervised By :mohammad ahmed 02/20/2023

Quant Time: Feb 17 23:22:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 23:12:31 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.881 | 152 | 43311 | 20.000 | ng | -0.03 |
| 21) Naphthalene-d8 | 10.692 | 136 | 174453 | 20.000 | ng | #-0.03 |
| 39) Acenaphthene-d10 | 14.533 | 164 | 120116 | 20.000 | ng | -0.03 |
| 64) Phenanthrene-d10 | 17.280 | 188 | 265398 | 20.000 | ng | #-0.02 |
| 76) Chrysene-d12 | 21.468 | 240 | 305704 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 23.862 | 264 | 338149 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 288615 | 130.537 | ng | -0.03 |
| 7) Phenol-d6 | 7.057 | 99 | 367305 | 145.659 | ng | -0.03 |
| 23) Nitrobenzene-d5 | 9.057 | 82 | 207831 | 67.668 | ng | -0.04 |
| 42) 2,4,6-Tribromophenol | 16.027 | 330 | 215775 | 132.163 | ng | -0.03 |
| 45) 2-Fluorobiphenyl | 13.157 | 172 | 619668 | 65.678 | ng | -0.03 |
| 79) Terphenyl-d14 | 19.909 | 244 | 1182104 | 68.237 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |
| 49) Acenaphthylene | 14.257 | 152 | 30056 | 2.549 | ng | 96 |
| 52) Acenaphthene | 14.598 | 154 | 27845 | 3.954 | ng | 90 |
| 55) Dibenzofuran | 14.933 | 168 | 41705 | 3.439 | ng | 99 |
| 58) Fluorene | 15.580 | 166 | 52039 | 5.424 | ng | 96 |
| 71) Phenanthrene | 17.327 | 178 | 717223 | 45.513 | ng | 99 |
| 72) Anthracene | 17.415 | 178 | 193389 | 11.996 | ng | 100 |
| 73) Carbazole | 17.692 | 167 | 63080 | 4.196 | ng | 98 |
| 75) Fluoranthene | 19.350 | 202 | 1110712 | 67.130 | ng | 99 |
| 78) Pyrene | 19.709 | 202 | 991784 | 42.138 | ng | 99 |
| 81) Benzo(a)anthracene | 21.456 | 228 | 554564 | 25.645 | ng | 98 |
| 83) Chrysene | 21.509 | 228 | 439714 | 21.104 | ng | 95 |
| 84) Bis(2-ethylhexyl)phtha... | 21.368 | 149 | 42515 | 3.912 | ng | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 26.338 | 276 | 277456 | 10.417 | ng | 97 |
| 88) Benzo(b)fluoranthene | 23.133 | 252 | 626608 | 30.938 | ng | 98 |
| 89) Benzo(k)fluoranthene | 23.174 | 252 | 222158m | 10.802 | ng | |
| 90) Benzo(a)pyrene | 23.756 | 252 | 465656 | 23.249 | ng | 97 |
| 91) Dibenzo(a,h)anthracene | 26.338 | 278 | 78325m | 3.495 | ng | |
| 92) Benzo(g,h,i)perylene | 27.103 | 276 | 253435 | 11.188 | ng | 99 |

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

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