Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016838.D
Acq On : 08 Oct 2021 11:08
Operator : CG/JU
Sample : M4045-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
S-842-R-SO-1-1.5-100121

**Manual Integrations APPROVED**

mohammad
10/11/2021 2:09:57 PM

Quant Time: Oct 08 12:20:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.615 | 152 | 19661 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.381 | 136 | 90097 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.243 | 164 | 48565 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.993 | 188 | 94634 | 0.400 | ng | # | -0.01 |
| 29) Chrysene-d12 | 21.217 | 240 | 97490 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.454 | 264 | 107744 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.245 | 112 | 17048 | 0.347 | ng | | 0.02 |
| 5) Phenol-d6 | 6.803 | 99 | 17944 | 0.321 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.759 | 82 | 19382 | 0.307 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.976 | 152 | 47130 | 0.351 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.753 | 330 | 7273 | 0.289 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.873 | 172 | 59849 | 0.305 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.043 | 212 | 98943 | 0.376 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.654 | 244 | 77307 | 0.364 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 9) Naphthalene | 10.432 | 128 | 9680 | 0.039 | ng | | 97 |
| 12) 2-Methylnaphthalene | 12.052 | 142 | 7304 | 0.047 | ng | | 99 |
| 17) Acenaphthene | 14.307 | 154 | 3220 | 0.023 | ng | | 94 |
| 25) Phenanthrene | 17.042 | 178 | 69213 | 0.246 | ng | | 100 |
| 26) Anthracene | 17.127 | 178 | 10079 | 0.040 | ng | # | 93 |
| 28) Fluoranthene | 19.073 | 202 | 149768 | 0.474 | ng | | 100 |
| 30) Pyrene | 19.435 | 202 | 126483 | 0.422 | ng | # | 96 |
| 32) Benzo(a)anthracene | 21.195 | 228 | 64053 | 0.212 | ng | | 98 |
| 33) Chrysene | 21.249 | 228 | 66317 | 0.216 | ng | | 96 |
| 34) Bis(2-ethylhexyl)phtha... | 21.142 | 149 | 42793 | 0.279 | ng | | 92 |
| 36) Indeno(1,2,3-cd)pyrene | 25.713 | 276 | 44549 | 0.109 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 22.783 | 252 | 88808 | 0.260 | ng | # | 95 |
| 38) Benzo(k)fluoranthene | 22.824 | 252 | 34817m | 0.105 | ng | | |
| 39) Benzo(a)pyrene | 23.354 | 252 | 54563 | 0.175 | ng | | 94 |
| 41) Benzo(g,h,i)perylene | 26.404 | 276 | 46452 | 0.131 | ng | | 98 |

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

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