Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120121\
Data File : BN017677.D
Acq On : 02 Dec 2021 08:51
Operator : CG/JU
Sample : M4895-11 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SLAB-11

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/02/2021
Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 02 10:02:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 02 01:51:49 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.736 | 152 | 18103 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.510 | 136 | 80116 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.359 | 164 | 54613 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.104 | 188 | 119034 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.293 | 240 | 107561 | 0.400 | ng | # 0.01 |
| 35) Perylene-d12 | 23.602 | 264 | 114550 | 0.400 | ng | # 0.02 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.357 | 112 | 1764 | 0.043 | ng | 0.00 |
| 5) Phenol-d6 | 6.915 | 99 | 1977 | 0.046 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.875 | 82 | 2101m | 0.062 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.107 | 152 | 5273 | 0.038 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.843 | 330 | 1502 | 0.169 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.989 | 172 | 8306 | 0.039 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.134 | 212 | 16700m | 0.045 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.740 | 244 | 13989 | 0.059 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 9) Naphthalene | 10.560 | 128 | 29983 | 0.148 | ng | 98 |
| 12) 2-Methylnaphthalene | 12.182 | 142 | 10480 | 0.079 | ng | # 96 |
| 16) Acenaphthylene | 14.067 | 152 | 160053 | 0.751 | ng | 99 |
| 17) Acenaphthene | 14.422 | 154 | 23360 | 0.159 | ng | 94 |
| 18) Fluorene | 15.412 | 166 | 63711 | 0.356 | ng | # 96 |
| 24) Pentachlorophenol | 16.763 | 266 | 4233 | 0.286 | ng | 99 |
| 25) Phenanthrene | 17.141 | 178 | 2024281 | 6.201 | ng | 99 |
| 26) Anthracene | 17.226 | 178 | 474268 | 1.691 | ng | # 93 |
| 28) Fluoranthene | 19.169 | 202 | 3307084 | 8.951 | ng | # 96 |
| 30) Pyrene | 19.531 | 202 | 2672383 | 7.697 | ng | 97 |
| 32) Benzo(a)anthracene | 21.282 | 228 | 1375329 | 4.210 | ng | 94 |
| 33) Chrysene | 21.335 | 228 | 1242573 | 3.496 | ng | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.229 | 149 | 1172167 | 15.126 | ng | # 96 |
| 36) Indeno(1,2,3-cd)pyrene | 25.961 | 276 | 578246 | 1.555 | ng | # 90 |
| 37) Benzo(b)fluoranthene | 22.911 | 252 | 1613535 | 4.248 | ng | # 91 |
| 38) Benzo(k)fluoranthene | 22.949 | 252 | 627357m | 1.611 | ng | |
| 39) Benzo(a)pyrene | 23.503 | 252 | 1056968 | 3.108 | ng | # 91 |
| 40) Dibenzo(a,h)anthracene | 25.968 | 278 | 143883 | 0.473 | ng | # 72 |
| 41) Benzo(g,h,i)perylene | 26.683 | 276 | 493780 | 1.579 | ng | 95 |

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

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