Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017646.D
Acq On : 01 Dec 2021 12:10
Operator : CG/JU
Sample : M4862-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
CS-4A

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/01/2021
Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 12:42:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN113021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 30 18:26:44 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.773 | 152 | 21130 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.548 | 136 | 89779 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.384 | 164 | 57087 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.116 | 188 | 117263 | 0.400 | ng | # | -0.01 |
| 29) Chrysene-d12 | 21.314 | 240 | 92732 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.620 | 264 | 64762 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.403 | 112 | 63 | 0.001 | ng | | 0.04 |
| 5) Phenol-d6 | 6.952 | 99 | 251 | 0.005 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.913 | 82 | 13559 | 0.356 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.138 | 152 | 42721 | 0.273 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.869 | 330 | 53 | 0.126 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.014 | 172 | 55241 | 0.249 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.154 | 212 | 107325 | 0.293 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.755 | 244 | 73538 | 0.362 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 9) Naphthalene | 10.598 | 128 | 73312 | 0.324 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.213 | 142 | 35430 | 0.237 | ng | | 98 |
| 16) Acenaphthylene | 14.105 | 152 | 142789 | 0.641 | ng | | 98 |
| 17) Acenaphthene | 14.448 | 154 | 91319 | 0.593 | ng | | 99 |
| 18) Fluorene | 15.425 | 166 | 160826m | 0.860 | ng | | |
| 24) Pentachlorophenol | 16.788 | 266 | 453m | 0.203 | ng | | |
| 25) Phenanthrene | 17.165 | 178 | 2882696 | 8.963 | ng | | 99 |
| 26) Anthracene | 17.250 | 178 | 591455 | 2.140 | ng | # | 94 |
| 28) Fluoranthene | 19.189 | 202 | 4709550 | 12.940 | ng | | 97 |
| 30) Pyrene | 19.551 | 202 | 4071799 | 13.602 | ng | # | 94 |
| 32) Benzo(a)anthracene | 21.293 | 228 | 2127574 | 7.554 | ng | | 97 |
| 33) Chrysene | 21.346 | 228 | 2019919 | 6.592 | ng | | 96 |
| 34) Bis(2-ethylhexyl)phtha... | 21.240 | 149 | 1243045 | 18.606 | ng | | 97 |
| 36) Indeno(1,2,3-cd)pyrene | 25.988 | 276 | 450028 | 2.140 | ng | # | 92 |
| 37) Benzo(b)fluoranthene | 22.925 | 252 | 1961583 | 9.134 | ng | # | 94 |
| 38) Benzo(k)fluoranthene | 22.966 | 252 | 688874m | 3.129 | ng | | |
| 39) Benzo(a)pyrene | 23.517 | 252 | 1116465 | 5.807 | ng | # | 95 |
| 40) Dibenzo(a,h)anthracene | 25.995 | 278 | 117388 | 0.683 | ng | # | 76 |
| 41) Benzo(g,h,i)perylene | 26.710 | 276 | 378934 | 2.143 | ng | | 95 |

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

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