Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113021\
Data File : BN017642.D
Acq On : 01 Dec 2021 09:46
Operator : CG/JU
Sample : M4862-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
CS-2B

**Manual Integrations APPROVED**

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

Quant Time: Dec 01 10:31:27 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 | 25628 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.547 | 136 | 108835 | 0.400 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.384 | 164 | 67950 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.116 | 188 | 135541 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 21.303 | 240 | 117016 | 0.400 | ng | | #-0.01 |
| 35) Perylene-d12 | 23.616 | 264 | 110407 | 0.400 | ng | | #-0.01 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.394 | 112 | 6269 | 0.108 | ng | | 0.03 |
| 5) Phenol-d6 | 6.952 | 99 | 13430 | 0.218 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.913 | 82 | 17605 | 0.381 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.138 | 152 | 55689 | 0.293 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.869 | 330 | 876 | 0.146 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 13.014 | 172 | 70994 | 0.268 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.154 | 212 | 123541 | 0.292 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.754 | 244 | 89776 | 0.350 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 9) Naphthalene | 10.598 | 128 | 297989 | 1.086 | ng | | 100 |
| 12) 2-Methylnaphthalene | 12.209 | 142 | 85679 | 0.473 | ng | | 98 |
| 16) Acenaphthylene | 14.105 | 152 | 251917 | 0.951 | ng | | 99 |
| 17) Acenaphthene | 14.448 | 154 | 79047 | 0.431 | ng | | 98 |
| 18) Fluorene | 15.425 | 166 | 238293 | 1.070 | ng | | 95 |
| 24) Pentachlorophenol | 16.776 | 266 | 212 | 0.197 | ng | # | 83 |
| 25) Phenanthrene | 17.165 | 178 | 4023776 | 10.824 | ng | | 99 |
| 26) Anthracene | 17.250 | 178 | 582362 | 1.823 | ng | # | 89 |
| 28) Fluoranthene | 19.188 | 202 | 5075406 | 12.064 | ng | | 97 |
| 30) Pyrene | 19.546 | 202 | 4062587 | 10.755 | ng | | 97 |
| 32) Benzo(a)anthracene | 21.293 | 228 | 2126502 | 5.983 | ng | | 97 |
| 33) Chrysene | 21.346 | 228 | 2116558 | 5.474 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.239 | 149 | 144844 | 1.718 | ng | | 95 |
| 36) Indeno(1,2,3-cd)pyrene | 25.985 | 276 | 818835 | 2.284 | ng | # | 92 |
| 37) Benzo(b)fluoranthene | 22.921 | 252 | 2602090 | 7.107 | ng | | 98 |
| 38) Benzo(k)fluoranthene | 22.962 | 252 | 922426m | 2.457 | ng | | |
| 39) Benzo(a)pyrene | 23.517 | 252 | 1449670 | 4.423 | ng | | 98 |
| 40) Dibenzo(a,h)anthracene | 25.995 | 278 | 213107 | 0.727 | ng | # | 89 |
| 41) Benzo(g,h,i)perylene | 26.714 | 276 | 699184 | 2.320 | ng | | 95 |

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

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