Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024972.D
Acq On : 18 Apr 2023 11:08
Operator : CG/JU
Sample : 02357-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 18 11:43:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 05:29:26 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
P2-S2-230413

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.933 | 152 | 11522 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.739 | 136 | 34979 | 0.400 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.576 | 164 | 20110 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.323 | 188 | 47960 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.522 | 240 | 47335 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.975 | 264 | 50772 | 0.400 | ng | # 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.484 | 112 | 8837 | 0.332 | ng | 0.00 |
| 5) Phenol-d6 | 7.095 | 99 | 11539 | 0.344 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.095 | 82 | 8258 | 0.293 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.332 | 152 | 14058 | 0.303 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.070 | 330 | 3304 | 0.365 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.197 | 172 | 21150 | 0.275 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.355 | 212 | 33229 | 0.306 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.949 | 244 | 29102 | 0.271 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) bis(2-Chloroethyl)ether | 7.355 | 93 | 2346 | 0.069 | ng | # 89 |
| 9) Naphthalene | 10.792 | 128 | 100601 | 1.117 | ng | 99 |
| 12) 2-Methylnaphthalene | 12.404 | 142 | 34149 | 0.545 | ng | 99 |
| 16) Acenaphthylene | 14.298 | 152 | 140531 | 1.662 | ng | 99 |
| 17) Acenaphthene | 14.640 | 154 | 29282 | 0.512 | ng | 99 |
| 18) Fluorene | 15.624 | 166 | 108145 | 1.378 | ng | 98 |
| 25) Phenanthrene | 17.360 | 178 | 1336526 | 9.598 | ng | 100 |
| 26) Anthracene | 17.447 | 178 | 451000 | 3.715 | ng | 100 |
| 28) Fluoranthene | 19.384 | 202 | 2262776 | 14.314 | ng | 99 |
| 30) Pyrene | 19.751 | 202 | 1877749 | 11.160 | ng | 96 |
| 32) Benzo(a)anthracene | 21.504 | 228 | 1079726 | 6.746 | ng | 97 |
| 33) Chrysene | 21.558 | 228 | 962195 | 5.739 | ng | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.423 | 149 | 148232 | 1.724 | ng | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.528 | 276 | 497255 | 2.234 | ng | 95 |
| 37) Benzo(b)fluoranthene | 23.227 | 252 | 1251420 | 6.499 | ng | # 94 |
| 38) Benzo(k)fluoranthene | 23.268 | 252 | 451901m | 2.368 | ng | |
| 39) Benzo(a)pyrene | 23.867 | 252 | 911795m | 4.951 | ng | |
| 40) Dibenzo(a,h)anthracene | 26.537 | 278 | 119123 | 0.680 | ng | 94 |
| 41) Benzo(g,h,i)perylene | 27.311 | 276 | 490797 | 2.586 | ng | 99 |

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

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