Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
Data File : BN025339.D
Acq On : 08 May 2023 18:57
Operator : CG/JU
Sample : 02588-08MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
ZONE-A-3-6-05022023MS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

Quant Time: May 09 04:03:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 18:27:02 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.903 | 152 | 5292 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.707 | 136 | 17880 | 0.400 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.544 | 164 | 10738 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.298 | 188 | 24721 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.494 | 240 | 26135 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.914 | 264 | 26794 | 0.400 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.462 | 112 | 3841 | 0.298 | ng | 0.00 |
| 5) Phenol-d6 | 7.080 | 99 | 5162 | 0.319 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.073 | 82 | 3842 | 0.261 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.301 | 152 | 10465m | 0.428 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.044 | 330 | 1487 | 0.271 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.175 | 172 | 10038 | 0.273 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.329 | 212 | 16018 | 0.262 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.923 | 244 | 12218 | 0.232 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.310 | 88 | 1682 | 0.303 | ng | # 56 |
| 3) n-Nitrosodimethylamine | 3.642 | 42 | 3191 | 0.376 | ng | # 98 |
| 6) bis(2-Chloroethyl)ether | 7.326 | 93 | 6136 | 0.431 | ng | 96 |
| 9) Naphthalene | 10.760 | 128 | 32825 | 0.716 | ng | 99 |
| 10) Hexachlorobutadiene | 11.038 | 225 | 3295 | 0.380 | ng | # 97 |
| 12) 2-Methylnaphthalene | 12.373 | 142 | 17959 | 0.554 | ng | 99 |
| 16) Acenaphthylene | 14.266 | 152 | 39859 | 0.829 | ng | 99 |
| 17) Acenaphthene | 14.608 | 154 | 16577 | 0.554 | ng | 99 |
| 18) Fluorene | 15.602 | 166 | 22688 | 0.554 | ng | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.709 | 198 | 322 | 0.340 | ng | # 75 |
| 21) 4-Bromophenyl-phenylether | 16.491 | 248 | 5146 | 0.373 | ng | # 78 |
| 22) Hexachlorobenzene | 16.603 | 284 | 5966 | 0.401 | ng | 99 |
| 23) Atrazine | 16.752 | 200 | 4731 | 0.392 | ng | 100 |
| 24) Pentachlorophenol | 16.963 | 266 | 2906 | 0.771 | ng | 91 |
| 25) Phenanthrene | 17.335 | 178 | 152775 | 2.234 | ng | 100 |
| 26) Anthracene | 17.435 | 178 | 55495 | 0.866 | ng | 99 |
| 28) Fluoranthene | 19.359 | 202 | 364859 | 4.269 | ng | 99 |
| 30) Pyrene | 19.725 | 202 | 341424 | 3.821 | ng | 97 |
| 32) Benzo(a)anthracene | 21.477 | 228 | 212440 | 2.405 | ng | 99 |
| 33) Chrysene | 21.530 | 228 | 227181 | 2.584 | ng | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.387 | 149 | 43235 | 0.624 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.431 | 276 | 136858 | 1.274 | ng | 96 |
| 37) Benzo(b)fluoranthene | 23.177 | 252 | 281460 | 3.314 | ng | 95 |
| 38) Benzo(k)fluoranthene | 23.221 | 252 | 129494m | 1.456 | ng | |
| 39) Benzo(a)pyrene | 23.803 | 252 | 202143 | 2.323 | ng | 93 |
| 40) Dibenzo(a,h)anthracene | 26.440 | 278 | 52323 | 0.617 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 27.206 | 276 | 126735 | 1.360 | ng | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
Data File : BN025339.D
Acq On : 08 May 2023 18:57
Operator : CG/JU
Sample : 02588-08MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 09 04:03:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 18:27:02 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
ZONE-A-3-6-05022023MS

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023