Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120523\
Data File : BN029041.D
Acq On : 05 Dec 2023 18:51
Operator : MA/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 00:40:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:39:04 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.1

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :mohammad ahmed 12/07/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.775 | 152 | 754 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.562 | 136 | 1524 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.396 | 164 | 1439 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.147 | 188 | 3814 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.347 | 240 | 2932 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.673 | 264 | 2864 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.392 | 112 | 200 | 0.090 | ng | 0.00 |
| 5) Phenol-d6 | 6.988 | 99 | 228 | 0.092 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.950 | 82 | 198 | 0.126 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.148 | 152 | 307 | 0.120 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.905 | 330 | 195 | 0.187 | ng | 0.01 |
| 15) 2-Fluorobiphenyl | 13.039 | 172 | 718 | 0.113 | ng | 0.01 |
| 27) Fluoranthene-d10 | 19.185 | 212 | 1216 | 0.117 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.799 | 244 | 779 | 0.076 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.348 | 88 | 76 | 0.107 | ng | # 72 |
| 6) bis(2-Chloroethyl)ether | 7.241 | 93 | 164 | 0.080 | ng | # 86 |
| 9) Naphthalene | 10.605 | 128 | 499 | 0.104 | ng | # 71 |
| 10) Hexachlorobutadiene | 10.872 | 225 | 217 | 0.190 | ng | # 94 |
| 12) 2-Methylnaphthalene | 12.223 | 142 | 405 | 0.129 | ng | # 89 |
| 16) Acenaphthylene | 14.118 | 152 | 819 | 0.107 | ng | 97 |
| 17) Acenaphthene | 14.460 | 154 | 503 | 0.100 | ng | 97 |
| 18) Fluorene | 15.455 | 166 | 791 | 0.119 | ng | 94 |
| 20) 4,6-Dinitro-2-methylph... | 15.558 | 198 | 96 | 0.112 | ng | # 1 |
| 21) 4-Bromophenyl-phenylether | 16.352 | 248 | 343 | 0.126 | ng | # 89 |
| 22) Hexachlorobenzene | 16.439 | 284 | 435 | 0.131 | ng | 94 |
| 23) Atrazine | 16.638 | 200 | 330 | 0.138 | ng | # 78 |
| 24) Pentachlorophenol | 16.811 | 266 | 245 | 0.157 | ng | 97 |
| 25) Phenanthrene | 17.196 | 178 | 1346 | 0.106 | ng | 99 |
| 26) Anthracene | 17.283 | 178 | 1299 | 0.111 | ng | 99 |
| 28) Fluoranthene | 19.218 | 202 | 1878 | 0.136 | ng | 100 |
| 30) Pyrene | 19.580 | 202 | 1942 | 0.108 | ng | 98 |
| 32) Benzo(a)anthracene | 21.338 | 228 | 1478m | 0.115 | ng | |
| 33) Chrysene | 21.383 | 228 | 1500 | 0.119 | ng | 94 |
| 34) Bis(2-ethylhexyl)phtha... | 21.275 | 149 | 1211 | 0.076 | ng | # 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.044 | 276 | 1361 | 0.106 | ng | # 77 |
| 37) Benzo(b)fluoranthene | 22.965 | 252 | 1475 | 0.120 | ng | # 47 |
| 38) Benzo(k)fluoranthene | 23.015 | 252 | 1299 | 0.113 | ng | # 43 |
| 39) Benzo(a)pyrene | 23.567 | 252 | 1203 | 0.111 | ng | # 33 |
| 40) Dibenzo(a,h)anthracene | 26.082 | 278 | 1025 | 0.103 | ng | # 33 |
| 41) Benzo(g,h,i)perylene | 26.777 | 276 | 1195 | 0.107 | ng | # 71 |

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

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