Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029083.D
Acq On : 07 Dec 2023 08:50
Operator : MA/JU
Sample : 05551-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MW-110MSD

Quant Time: Dec 07 09:50:33 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 00:49:47 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.768 | 152 | 1458 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.552 | 136 | 3036 | 0.400 | ng | -0.01 |
| 13) Acenaphthene-d10 | 14.396 | 164 | 2221 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.147 | 188 | 5694 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.347 | 240 | 3973 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.664 | 264 | 3468 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.384 | 112 | 348 | 0.106 | ng | 0.00 |
| 5) Phenol-d6 | 6.973 | 99 | 258 | 0.065 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.939 | 82 | 987 | 0.269 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.136 | 152 | 1658 | 0.260 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.893 | 330 | 620 | 0.253 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.028 | 172 | 3854 | 0.335 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.181 | 212 | 5186 | 0.290 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.789 | 244 | 3511 | 0.349 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.333 | 88 | 120 | 0.102 | ng | # 58 |
| 6) bis(2-Chloroethyl)ether | 7.219 | 93 | 1027 | 0.368 | ng | # 87 |
| 9) Naphthalene | 10.594 | 128 | 2525 | 0.267 | ng | 96 |
| 10) Hexachlorobutadiene | 10.872 | 225 | 915 | 0.219 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.212 | 142 | 2008 | 0.261 | ng | 99 |
| 16) Acenaphthylene | 14.118 | 152 | 4131 | 0.338 | ng | 98 |
| 17) Acenaphthene | 14.450 | 154 | 2282 | 0.298 | ng | 98 |
| 18) Fluorene | 15.444 | 166 | 3722 | 0.304 | ng | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.533 | 198 | 607 | 0.353 | ng | # 54 |
| 21) 4-Bromophenyl-phenylether | 16.340 | 248 | 1515 | 0.294 | ng | # 83 |
| 22) Hexachlorobenzene | 16.427 | 284 | 1672 | 0.285 | ng | # 92 |
| 23) Atrazine | 16.650 | 200 | 1318 | 0.290 | ng | # 90 |
| 24) Pentachlorophenol | 16.799 | 266 | 2197 | 0.685 | ng | 98 |
| 25) Phenanthrene | 17.184 | 178 | 6170 | 0.325 | ng | 98 |
| 26) Anthracene | 17.271 | 178 | 6661 | 0.363 | ng | 98 |
| 28) Fluoranthene | 19.209 | 202 | 8176 | 0.313 | ng | # 99 |
| 30) Pyrene | 19.571 | 202 | 8346 | 0.339 | ng | 99 |
| 32) Benzo(a)anthracene | 21.329 | 228 | 6539 | 0.325 | ng | 98 |
| 33) Chrysene | 21.383 | 228 | 6069 | 0.306 | ng | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 21.275 | 149 | 6050 | 0.487 | ng | 93 |
| 36) Indeno(1,2,3-cd)pyrene | 26.032 | 276 | 5048 | 0.285 | ng | # 94 |
| 37) Benzo(b)fluoranthene | 22.959 | 252 | 5778 | 0.310 | ng | # 88 |
| 38) Benzo(k)fluoranthene | 23.006 | 252 | 5352 | 0.307 | ng | # 87 |
| 39) Benzo(a)pyrene | 23.559 | 252 | 4625 | 0.300 | ng | # 84 |
| 40) Dibenzo(a,h)anthracene | 26.058 | 278 | 3858 | 0.283 | ng | # 91 |
| 41) Benzo(g,h,i)perylene | 26.757 | 276 | 4107 | 0.275 | ng | # 94 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029083.D
Acq On : 07 Dec 2023 08:50
Operator : MA/JU
Sample : 05551-03MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MW-110MSD

Quant Time: Dec 07 09:50:33 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 00:49:47 2023
Response via : Initial Calibration