Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033571.D
Acq On : 23 Aug 2024 02:53
Operator : MA/JU
Sample : P3671-10MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
S-928-K1-SO-0.5-1-081924MS

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 03:42:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.545 | 152 | 7489 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.304 | 136 | 19600 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.178 | 164 | 9306 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 16.929 | 188 | 18439 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.130 | 240 | 15566 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.300 | 264 | 17073 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.183 | 112 | 6028 | 0.253 | ng | 0.00 |
| 5) Phenol-d6 | 6.736 | 99 | 7305 | 0.258 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.681 | 82 | 5035 | 0.310 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.903 | 152 | 9719m | 0.347 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.676 | 330 | 1113 | 0.222 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.799 | 172 | 8521 | 0.224 | ng | 0.00 |
| 27) Fluoranthene-d10 | 18.970 | 212 | 8340 | 0.188 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.583 | 244 | 5749 | 0.163 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.183 | 88 | 2931 | 0.340 | ng | # 56 |
| 3) n-Nitrosodimethylamine | 3.472 | 42 | 3858 | 0.385 | ng | # 99 |
| 6) bis(2-Chloroethyl)ether | 6.982 | 93 | 8602 | 0.428 | ng | 99 |
| 9) Naphthalene | 10.357 | 128 | 21425 | 0.409 | ng | 99 |
| 10) Hexachlorobutadiene | 10.656 | 225 | 4029 | 0.386 | ng | # 100 |
| 12) 2-Methylnaphthalene | 11.975 | 142 | 13206 | 0.398 | ng | 99 |
| 16) Acenaphthylene | 13.889 | 152 | 18719 | 0.459 | ng | 100 |
| 17) Acenaphthene | 14.242 | 154 | 11309 | 0.394 | ng | 99 |
| 18) Fluorene | 15.236 | 166 | 14019 | 0.387 | ng | 98 |
| 20) 4,6-Dinitro-2-methylph... | 15.311 | 198 | 849 | 0.295 | ng | # 17 |
| 21) 4-Bromophenyl-phenylether | 16.135 | 248 | 4194 | 0.374 | ng | 97 |
| 22) Hexachlorobenzene | 16.247 | 284 | 4644 | 0.376 | ng | 99 |
| 23) Atrazine | 16.420 | 200 | 3550 | 0.397 | ng | # 90 |
| 24) Pentachlorophenol | 16.582 | 266 | 3923 | 0.732 | ng | 99 |
| 25) Phenanthrene | 16.967 | 178 | 31168 | 0.608 | ng | 99 |
| 26) Anthracene | 17.066 | 178 | 20769 | 0.458 | ng | 100 |
| 28) Fluoranthene | 19.003 | 202 | 49606 | 0.875 | ng | 100 |
| 30) Pyrene | 19.365 | 202 | 47212 | 0.680 | ng | 98 |
| 32) Benzo(a)anthracene | 21.121 | 228 | 32639 | 0.580 | ng | 97 |
| 33) Chrysene | 21.166 | 228 | 37338 | 0.667 | ng | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.077 | 149 | 17513m | 0.492 | ng | |
| 36) Indeno(1,2,3-cd)pyrene | 25.446 | 276 | 39755 | 0.561 | ng | 97 |
| 37) Benzo(b)fluoranthene | 22.657 | 252 | 44559 | 0.699 | ng | 99 |
| 38) Benzo(k)fluoranthene | 22.698 | 252 | 35269m | 0.562 | ng | |
| 39) Benzo(a)pyrene | 23.203 | 252 | 35050 | 0.664 | ng | 97 |
| 40) Dibenzo(a,h)anthracene | 25.466 | 278 | 24536 | 0.433 | ng | 98 |
| 41) Benzo(g,h,i)perylene | 26.101 | 276 | 33814 | 0.558 | ng | 99 |

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

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