Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082324\
Data File : BN033605.D
Acq On : 24 Aug 2024 01:07
Operator : MA/JU
Sample : P3707-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
S-929-K1-SO-0-0.5-082024MS

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/29/2024

Quant Time: Aug 24 02:20:41 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 | 7828 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.303 | 136 | 20356 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.178 | 164 | 9539 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.929 | 188 | 18846 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.139 | 240 | 15488 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.303 | 264 | 17306 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.183 | 112 | 3799 | 0.153 | ng | | 0.00 |
| 5) Phenol-d6 | 6.736 | 99 | 4842 | 0.164 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.681 | 82 | 4322 | 0.256 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.899 | 152 | 7811m | 0.268 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.676 | 330 | 879 | 0.171 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.799 | 172 | 6556 | 0.168 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.970 | 212 | 5845 | 0.129 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.583 | 244 | 3853 | 0.109 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.183 | 88 | 2652 | 0.294 | ng | # | 43 |
| 3) n-Nitrosodimethylamine | 3.464 | 42 | 3428 | 0.327 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 6.981 | 93 | 8018 | 0.382 | ng | | 99 |
| 9) Naphthalene | 10.357 | 128 | 21905 | 0.403 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.645 | 225 | 3839 | 0.354 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.975 | 142 | 14188 | 0.412 | ng | | 100 |
| 16) Acenaphthylene | 13.889 | 152 | 17810 | 0.426 | ng | | 99 |
| 17) Acenaphthene | 14.242 | 154 | 10818 | 0.368 | ng | | 98 |
| 18) Fluorene | 15.236 | 166 | 13171 | 0.355 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.322 | 198 | 479 | 0.163 | ng | # | 44 |
| 21) 4-Bromophenyl-phenylether | 16.135 | 248 | 4016 | 0.351 | ng | | 99 |
| 22) Hexachlorobenzene | 16.246 | 284 | 4372 | 0.346 | ng | | 98 |
| 23) Atrazine | 16.420 | 200 | 3539 | 0.387 | ng | # | 91 |
| 24) Pentachlorophenol | 16.594 | 266 | 3648 | 0.666 | ng | | 98 |
| 25) Phenanthrene | 16.966 | 178 | 38333 | 0.731 | ng | | 99 |
| 26) Anthracene | 17.066 | 178 | 20969 | 0.452 | ng | | 99 |
| 28) Fluoranthene | 19.003 | 202 | 73539 | 1.269 | ng | | 100 |
| 30) Pyrene | 19.365 | 202 | 68880 | 0.996 | ng | | 97 |
| 32) Benzo(a)anthracene | 21.121 | 228 | 43307 | 0.773 | ng | | 98 |
| 33) Chrysene | 21.175 | 228 | 49893 | 0.896 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.085 | 149 | 20666m | 0.583 | ng | | |
| 36) Indeno(1,2,3-cd)pyrene | 25.452 | 276 | 46763 | 0.651 | ng | | 95 |
| 37) Benzo(b)fluoranthene | 22.659 | 252 | 60870 | 0.942 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 22.700 | 252 | 40105m | 0.630 | ng | | |
| 39) Benzo(a)pyrene | 23.206 | 252 | 47610 | 0.890 | ng | | 94 |
| 40) Dibenzo(a,h)anthracene | 25.469 | 278 | 24847 | 0.432 | ng | | 98 |
| 41) Benzo(g,h,i)perylene | 26.106 | 276 | 41281 | 0.672 | ng | | 98 |

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

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