Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101020\
Data File : BN012130.D
Acq On : 09 Oct 2020 19:42
Operator : CG/JU
Sample : PB132244BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB132244BS

**Manual Integrations APPROVED**
mohammad
10/12/2020 11:35:45 AM

Quant Time: Oct 10 01:57:31 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 18:10:29 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.642 | 152 | 1787 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.415 | 136 | 7295 | 0.40 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.281 | 164 | 4056 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.029 | 188 | 8597 | 0.40 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.227 | 240 | 9436 | 0.40 | ng | | # 0.00 |
| 36) Perylene-d12 | 23.429 | 264 | 10204 | 0.40 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.243 | 112 | 2271 | 0.36 | ng | | 0.00 |
| 5) Phenol-d6 | 6.813 | 99 | 2651 | 0.34 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.780 | 82 | 2633 | 0.35 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.011 | 152 | 4058 | 0.35 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.778 | 330 | 819 | 0.42 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.898 | 172 | 5230 | 0.34 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.062 | 212 | 9139 | 0.36 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.673 | 244 | 6931 | 0.32 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.213 | 88 | 1037 | 0.33 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.527 | 42 | 1539 | 0.34 | ng | | 96 |
| 6) bis(2-Chloroethyl)ether | 7.071 | 93 | 2242 | 0.33 | ng | | 99 |
| 9) Naphthalene | 10.453 | 128 | 7189 | 0.34 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.744 | 225 | 1424 | 0.42 | ng | # | 97 |
| 12) 2-Methylnaphthalene | 12.082 | 142 | 4634 | 0.35 | ng | | 97 |
| 16) Acenaphthylene | 13.989 | 152 | 6716 | 0.34 | ng | | 99 |
| 17) Acenaphthene | 14.331 | 154 | 4423 | 0.33 | ng | | 91 |
| 18) Fluorene | 15.334 | 166 | 5497 | 0.34 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.422 | 198 | 573 | 0.35 | ng | # | 32 |
| 21) 4-Bromophenyl-phenylether | 16.226 | 248 | 1639 | 0.36 | ng | # | 81 |
| 22) Hexachlorobenzene | 16.335 | 284 | 2021 | 0.38 | ng | # | 87 |
| 23) Atrazine | 16.493 | 200 | 1602 | 0.37 | ng | # | 91 |
| 24) Pentachlorophenol | 16.676 | 266 | 851 | 0.33 | ng | | 97 |
| 25) Phenanthrene | 17.065 | 178 | 8568 | 0.32 | ng | | 99 |
| 26) Anthracene | 17.163 | 178 | 7512 | 0.33 | ng | | 99 |
| 28) Fluoranthene | 19.092 | 202 | 10926 | 0.37 | ng | # | 97 |
| 30) Pyrene | 19.459 | 202 | 11476 | 0.33 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.216 | 228 | 10393 | 0.34 | ng | | 100 |
| 33) Chrysene | 21.269 | 228 | 11657 | 0.36 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.152 | 149 | 8405 | 0.39 | ng | # | 90 |
| 35) Indeno(1,2,3-cd)pyrene | 25.623 | 276 | 14257 | 0.39 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 22.772 | 252 | 10925 | 0.31 | ng | # | 84 |
| 38) Benzo(k)fluoranthene | 22.816 | 252 | 12156m | 0.32 | ng | | |
| 39) Benzo(a)pyrene | 23.333 | 252 | 11127 | 0.35 | ng | # | 79 |
| 40) Dibenzo(a,h)anthracene | 25.640 | 278 | 11612 | 0.35 | ng | # | 89 |
| 41) Benzo(g,h,i)perylene | 26.294 | 276 | 12261 | 0.34 | ng | # | 92 |

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

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