Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050721\
Data File : BN014546.D
Acq On : 07 May 2021 20:23
Operator : CG/JU
Sample : PB136127BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB136127BSD

**Manual Integrations APPROVED**
mohammad
5/11/2021 2:04:25 PM

Quant Time: May 08 01:12:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.757 | 152 | 771 | 0.40 | ng | | # 0.00 |
| 7) Naphthalene-d8 | 10.543 | 136 | 2874 | 0.40 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.397 | 164 | 1976 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.152 | 188 | 4576 | 0.40 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.343 | 240 | 5885 | 0.40 | ng | | # 0.00 |
| 35) Perylene-d12 | 23.627 | 264 | 5990 | 0.40 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.349 | 112 | 816 | 0.38 | ng | | 0.00 |
| 5) Phenol-d6 | 6.919 | 99 | 1119 | 0.37 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.895 | 82 | 850 | 0.36 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.138 | 152 | 2513 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.894 | 330 | 301 | 0.34 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.014 | 172 | 2628 | 0.37 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 19.186 | 212 | 6998 | 0.36 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.791 | 244 | 5369 | 0.37 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.311 | 88 | 387 | 0.40 | ng | | 95 |
| 3) n-Nitrosodimethylamine | 3.714 | 42 | 7 | 0.02 | ng | # | 1 |
| 6) bis(2-Chloroethyl)ether | 7.185 | 93 | 864 | 0.40 | ng | | 91 |
| 9) Naphthalene | 10.594 | 128 | 2783 | 0.37 | ng | # | 93 |
| 10) Hexachlorobutadiene | 10.885 | 225 | 674 | 0.37 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.209 | 142 | 1985 | 0.37 | ng | # | 89 |
| 16) Acenaphthylene | 14.118 | 152 | 2625 | 0.34 | ng | | 98 |
| 17) Acenaphthene | 14.461 | 154 | 1967 | 0.37 | ng | | 98 |
| 18) Fluorene | 15.450 | 166 | 2569 | 0.36 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.526 | 198 | 140 | 0.45 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.349 | 248 | 979 | 0.35 | ng | | 96 |
| 22) Hexachlorobenzene | 16.459 | 284 | 1030 | 0.36 | ng | | 92 |
| 23) Atrazine | 16.617 | 200 | 640 | 0.33 | ng | | 94 |
| 24) Pentachlorophenol | 16.799 | 266 | 326 | 0.33 | ng | # | 38 |
| 25) Phenanthrene | 17.189 | 178 | 4338 | 0.36 | ng | | 98 |
| 26) Anthracene | 17.274 | 178 | 3850 | 0.35 | ng | | 99 |
| 28) Fluoranthene | 19.215 | 202 | 5590 | 0.36 | ng | | 98 |
| 30) Pyrene | 19.578 | 202 | 5769 | 0.35 | ng | | 99 |
| 32) Benzo(a)anthracene | 21.332 | 228 | 6080 | 0.35 | ng | | 99 |
| 33) Chrysene | 21.385 | 228 | 6546 | 0.37 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.279 | 149 | 1803 | 0.28 | ng | # | 79 |
| 36) Indeno(1,2,3-cd)pyrene | 25.937 | 276 | 8207 | 0.36 | ng | # | 93 |
| 37) Benzo(b)fluoranthene | 22.939 | 252 | 7072m | 0.36 | ng | | |
| 38) Benzo(k)fluoranthene | 22.987 | 252 | 7087m | 0.37 | ng | | |
| 39) Benzo(a)pyrene | 23.524 | 252 | 6143 | 0.36 | ng | # | 92 |
| 40) Dibenzo(a,h)anthracene | 25.954 | 278 | 7180 | 0.37 | ng | | 97 |
| 41) Benzo(g,h,i)perylene | 26.639 | 276 | 6852 | 0.36 | ng | # | 90 |

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

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