Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016442.D
Acq On : 24 Sep 2021 17:58
Operator : CG/JU
Sample : M3911-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SW-CB-04-(0.5)MS

**Manual Integrations APPROVED**
mohammad
9/27/2021 3:00:05 PM

Quant Time: Sep 25 05:05:24 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.670 | 152 | 21769 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.432 | 136 | 97502 | 0.40 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.294 | 164 | 54474 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.042 | 188 | 106240 | 0.40 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.259 | 240 | 102834 | 0.40 | ng | 0.01 |
| 35) Perylene-d12 | 23.522 | 264 | 95254 | 0.40 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.310 | 112 | 5877 | 0.12 | ng | 0.03 |
| 5) Phenol-d6 | 6.859 | 99 | 4497 | 0.08 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.810 | 82 | 18871 | 0.27 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.029 | 152 | 57046m | 0.39 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.791 | 330 | 6213 | 0.43 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.924 | 172 | 57092 | 0.25 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.088 | 212 | 125615 | 0.43 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.703 | 244 | 104011 | 0.44 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.299 | 88 | 3823m | 0.41 | ng | |
| 3) n-Nitrosodimethylamine | 3.613 | 42 | 3554 | 0.16 | ng | # 67 |
| 6) bis(2-Chloroethyl)ether | 7.108 | 93 | 19859 | 0.34 | ng | 96 |
| 9) Naphthalene | 10.483 | 128 | 101017 | 0.39 | ng | 99 |
| 10) Hexachlorobutadiene | 10.774 | 225 | 13120 | 0.25 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.105 | 142 | 58432 | 0.35 | ng | 98 |
| 16) Acenaphthylene | 14.015 | 152 | 77404 | 0.35 | ng | 99 |
| 17) Acenaphthene | 14.358 | 154 | 78504 | 0.50 | ng | 99 |
| 18) Fluorene | 15.347 | 166 | 122347 | 0.65 | ng | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.436 | 198 | 2917 | 0.38 | ng | # 70 |
| 21) 4-Bromophenyl-phenylether | 16.251 | 248 | 22278 | 0.36 | ng | 99 |
| 22) Hexachlorobenzene | 16.348 | 284 | 20168 | 0.33 | ng | # 89 |
| 23) Atrazine | 16.531 | 200 | 22411 | 0.52 | ng | 97 |
| 24) Pentachlorophenol | 16.701 | 266 | 17299 | 0.79 | ng | 98 |
| 25) Phenanthrene | 17.091 | 178 | 154568 | 0.49 | ng | 98 |
| 26) Anthracene | 17.176 | 178 | 157292 | 0.60 | ng | 98 |
| 28) Fluoranthene | 19.118 | 202 | 154278 | 0.45 | ng | 99 |
| 30) Pyrene | 19.480 | 202 | 155119 | 0.48 | ng | 98 |
| 32) Benzo(a)anthracene | 21.238 | 228 | 150567 | 0.50 | ng | 99 |
| 33) Chrysene | 21.291 | 228 | 145726 | 0.45 | ng | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.196 | 149 | 103274 | 1.27 | ng | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 25.815 | 276 | 131930 | 0.43 | ng | 99 |
| 37) Benzo(b)fluoranthene | 22.837 | 252 | 143260 | 0.45 | ng | 99 |
| 38) Benzo(k)fluoranthene | 22.882 | 252 | 135869 | 0.44 | ng | 98 |
| 39) Benzo(a)pyrene | 23.419 | 252 | 126451 | 0.49 | ng | 92 |
| 40) Dibenzo(a,h)anthracene | 25.839 | 278 | 109355 | 0.42 | ng | 95 |
| 41) Benzo(g,h,i)perylene | 26.517 | 276 | 112051 | 0.42 | ng | 95 |

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

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