Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090424\
Data File : BN033753.D
Acq On : 04 Sep 2024 15:18
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC0.8

Quant Time: Sep 04 18:05:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:03:07 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.516 | 152 | 5370 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.272 | 136 | 13830 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.157 | 164 | 6461 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.905 | 188 | 12747 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.112 | 240 | 9954 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.271 | 264 | 10135 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.154 | 112 | 13812 | 0.840 | ng | | 0.00 |
| 5) Phenol-d6 | 6.707 | 99 | 16156 | 0.830 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.649 | 82 | 9908 | 0.841 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.873 | 152 | 16548 | 0.846 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.651 | 330 | 2603 | 0.798 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.767 | 172 | 22791 | 0.846 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.947 | 212 | 25848 | 0.822 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.560 | 244 | 17597 | 0.829 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.168 | 88 | 5257 | 0.860 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.457 | 42 | 6294 | 0.877 | ng | | 97 |
| 6) bis(2-Chloroethyl)ether | 6.960 | 93 | 12615 | 0.859 | ng | | 100 |
| 9) Naphthalene | 10.325 | 128 | 31359 | 0.849 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.624 | 225 | 6564 | 0.854 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.945 | 142 | 19201 | 0.848 | ng | | 99 |
| 16) Acenaphthylene | 13.868 | 152 | 23166 | 0.830 | ng | | 100 |
| 17) Acenaphthene | 14.210 | 154 | 16201 | 0.846 | ng | | 100 |
| 18) Fluorene | 15.204 | 166 | 19783 | 0.838 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.290 | 198 | 1540 | 0.765 | ng | # | 66 |
| 21) 4-Bromophenyl-phenylether | 16.110 | 248 | 6102 | 0.826 | ng | | 98 |
| 22) Hexachlorobenzene | 16.209 | 284 | 7009 | 0.828 | ng | | 99 |
| 23) Atrazine | 16.396 | 200 | 4843 | 0.821 | ng | | 97 |
| 24) Pentachlorophenol | 16.557 | 266 | 2773 | 0.801 | ng | | 99 |
| 25) Phenanthrene | 16.942 | 178 | 29123 | 0.829 | ng | | 100 |
| 26) Anthracene | 17.041 | 178 | 24820 | 0.813 | ng | | 100 |
| 28) Fluoranthene | 18.980 | 202 | 32608 | 0.828 | ng | | 100 |
| 30) Pyrene | 19.342 | 202 | 32920 | 0.821 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.104 | 228 | 29462 | 0.829 | ng | | 100 |
| 33) Chrysene | 21.148 | 228 | 29279 | 0.833 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.059 | 149 | 15443 | 0.797 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.399 | 276 | 35682 | 0.852 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.633 | 252 | 31381 | 0.843 | ng | # | 92 |
| 38) Benzo(k)fluoranthene | 22.674 | 252 | 30462 | 0.839 | ng | # | 92 |
| 39) Benzo(a)pyrene | 23.177 | 252 | 25911 | 0.832 | ng | # | 90 |
| 40) Dibenzo(a,h)anthracene | 25.414 | 278 | 28634 | 0.853 | ng | | 95 |
| 41) Benzo(g,h,i)perylene | 26.048 | 276 | 31066 | 0.853 | ng | | 98 |

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

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