Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007174.D
Acq On : 24 Sep 2021 23:55
Operator : CG/JU
Sample : M3917-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-4

**Manual Integrations APPROVED**
mohammad
9/27/2021 3:04:33 PM

Quant Time: Sep 25 01:49:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.887 | 152 | 257070 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.687 | 136 | 1027043 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 14.522 | 164 | 662831 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.275 | 188 | 1359065 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.363 | 240 | 1280470 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.774 | 264 | 1407729 | 20.000 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.464 | 112 | 1243536 | 80.974 | ng | 0.00 |
| 7) Phenol-d6 | 7.063 | 99 | 1592696 | 75.881 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.052 | 82 | 938715 | 53.228 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.010 | 330 | 749552 | 87.225 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.145 | 172 | 2321782 | 50.182 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.827 | 244 | 3004445 | 44.962 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 31) Naphthalene | 10.740 | 128 | 210601 | 4.018 | ng | 100 |
| 37) 2-Methylnaphthalene | 12.351 | 142 | 86795m | 2.365 | ng | |
| 38) 1-Methylnaphthalene | 12.569 | 142 | 101307 | 2.825 | ng | 95 |
| 49) Acenaphthylene | 14.245 | 152 | 771031 | 13.108 | ng | 99 |
| 52) Acenaphthene | 14.587 | 154 | 191749 | 5.380 | ng | 98 |
| 55) Dibenzofuran | 14.916 | 168 | 219982 | 3.700 | ng | # 93 |
| 58) Fluorene | 15.569 | 166 | 395781 | 8.616 | ng | 99 |
| 71) Phenanthrene | 17.316 | 178 | 3955880 | 54.285 | ng | 99 |
| 72) Anthracene | 17.404 | 178 | 1444541 | 20.264 | ng | 99 |
| 73) Carbazole | 17.675 | 167 | 439634 | 6.294 | ng | 98 |
| 75) Fluoranthene | 19.286 | 202 | 7454083 | 88.784 | ng | 97 |
| 78) Pyrene | 19.639 | 202 | 7242326 | 86.208 | ng | 97 |
| 81) Benzo(a)anthracene | 21.345 | 228 | 3783406 | 45.520 | ng | 95 |
| 83) Chrysene | 21.398 | 228 | 3408618 | 42.910 | ng | 96 |
| 87) Indeno(1,2,3-cd)pyrene | 26.309 | 276 | 2825541 | 27.930 | ng | 99 |
| 88) Benzo(b)fluoranthene | 23.045 | 252 | 5214767 | 61.986 | ng | # 97 |
| 89) Benzo(k)fluoranthene | 23.080 | 252 | 1471011m | 17.270 | ng | |
| 90) Benzo(a)pyrene | 23.674 | 252 | 3989698 | 55.820 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 26.309 | 278 | 690863 | 8.149 | ng | # 84 |
| 92) Benzo(g,h,i)perylene | 27.092 | 276 | 2801296 | 33.858 | ng | # 95 |

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

Quantitation Report (QT/LSC Reviewed)

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