Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062424\
Data File : BN032238.D
Acq On : 25 Jun 2024 12:02
Operator : MA/JU
Sample : P2844-21
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jun 25 12:37:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 10:49:40 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A4C46

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :Jagrut Upadhyay 06/26/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.628 | 152 | 275668 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.410 | 136 | 1077625 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.275 | 164 | 641817 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.028 | 188 | 1287412 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.269 | 240 | 1122717 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.192 | 264 | 1384795 | 20.000 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.170 | 96 | 30954 | 4.645 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.581 | 84 | 42736 | 2.278 | ng/ul | 0.01 |
| 7) Phenol-d5 | 6.822 | 99 | 600746 | 25.420 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.975 | 67 | 317083 | 22.938 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.169 | 132 | 528925 | 29.332 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.346 | 113 | 490503 | 25.462 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.787 | 128 | 254560 | 30.895 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.505 | 143 | 279402 | 32.827 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.046 | 165 | 465952 | 29.324 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.563 | 131 | 242228 | 10.267 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.693 | 166 | 1309572 | 29.289 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.969 | 160 | 1544406 | 30.039 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.522 | 143 | 230302 | 25.725 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.275 | 176 | 1125897 | 29.760 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.416 | 200 | 93408 | 14.435 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.128 | 188 | 1703540 | 30.908 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.433 | 212 | 1708337 | 28.435 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.992 | 264 | 1436375 | 21.722 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Benzaldehyde | 6.793 | 77 | 11170 | 1.008 | ng/ul# | 85 |
| 16) Acetophenone | 8.458 | 105 | 51350 | 1.759 | ng/ul | 97 |
| 30) Naphthalene | 10.457 | 128 | 121196 | 2.173 | ng/ul | 99 |
| 50) Acenaphthylene | 13.998 | 152 | 140175 | 2.412 | ng/ul | 99 |
| 52) Acenaphthene | 14.340 | 153 | 55829 | 1.452 | ng/ul | 96 |
| 56) Dibenzofuran | 14.675 | 168 | 78890 | 1.510 | ng/ul | 99 |
| 61) Fluorene | 15.328 | 166 | 72330 | 1.720 | ng/ul | 95 |
| 72) Phenanthrene | 17.069 | 178 | 1344787 | 20.505 | ng/ul | 98 |
| 74) Anthracene | 17.163 | 178 | 343800 | 5.174 | ng/ul | 99 |
| 77) Carbazole | 17.439 | 167 | 131099 | 2.314 | ng/ul | 98 |
| 78) Di-n-butylphthalate | 17.998 | 149 | 101285 | 1.299 | ng/ul | 99 |
| 80) Fluoranthene | 19.098 | 202 | 2535962 | 35.320 | ng/ul | 95 |
| 82) Pyrene | 19.463 | 202 | 2058134 | 27.938 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.251 | 228 | 1296990 | 17.259 | ng/ul | 100 |
| 87) Chrysene | 21.316 | 228 | 1369900 | 19.516 | ng/ul | 96 |
| 90) Benzo(b)fluoranthene | 23.269 | 252 | 1684684 | 20.353 | ng/ul | 96 |
| 91) Benzo(k)fluoranthene | 23.327 | 252 | 605597m | 7.456 | ng/ul | |
| 93) Benzo(a)pyrene | 24.057 | 252 | 788050 | 10.165 | ng/ul | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 27.480 | 276 | 682658 | 7.642 | ng/ul | 95 |
| 95) Dibenzo(a,h)anthracene | 27.515 | 278 | 230610 | 3.162 | ng/ul# | 91 |
| 96) Benzo(g,h,i)perylene | 28.504 | 276 | 93836m | 1.321 | ng/ul | |

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