Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091323\
Data File : BF135233.D
Acq On : 13 Sep 2023 20:54
Operator : CG\JU
Sample : 04299-04DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 14 02:23:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
SB-02-COMPDL

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 09/14/2023
Supervised By :mohammad ahmed 09/14/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.763 | 152 | 98916 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.040 | 136 | 360321 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.798 | 164 | 154986 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.292 | 188 | 231157 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 13.951 | 240 | 193120 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.415 | 264 | 185117 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.387 | 112 | 132418 | 21.773 | ng | 0.00 |
| 7) Phenol-d6 | 6.398 | 99 | 163658 | 21.163 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.322 | 82 | 89730 | 13.530 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.592 | 330 | 25493 | 16.552 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.116 | 172 | 165327 | 16.094 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.886 | 244 | 119521 | 9.594 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 31) Naphthalene | 8.063 | 128 | 133638 | 7.633 | ng | 99 |
| 37) 2-Methylnaphthalene | 8.757 | 142 | 44445 | 3.777 | ng | 100 |
| 38) 1-Methylnaphthalene | 8.851 | 142 | 30102 | 2.732 | ng | 89 |
| 52) Acenaphthene | 9.834 | 154 | 67321 | 7.935 | ng | 99 |
| 55) Dibenzofuran | 10.004 | 168 | 79693 | 6.155 | ng | 98 |
| 58) Fluorene | 10.345 | 166 | 100792 | 10.127 | ng | 98 |
| 71) Phenanthrene | 11.316 | 178 | 605125 | 55.350 | ng | 99 |
| 72) Anthracene | 11.369 | 178 | 149939 | 13.343 | ng | 99 |
| 73) Carbazole | 11.528 | 167 | 39170 | 3.829 | ng | 99 |
| 75) Fluoranthene | 12.510 | 202 | 395561 | 34.723 | ng | 98 |
| 78) Pyrene | 12.739 | 202 | 412133 | 22.415 | ng | 99 |
| 81) Benzo(a)anthracene | 13.939 | 228 | 175655 | 14.086 | ng | 99 |
| 83) Chrysene | 13.974 | 228 | 149513m | 12.059 | ng | |
| 87) Indeno(1,2,3-cd)pyrene | 16.886 | 276 | 41435 | 3.414 | ng | 98 |
| 88) Benzo(b)fluoranthene | 14.986 | 252 | 131060m | 13.078 | ng | |
| 89) Benzo(k)fluoranthene | 15.016 | 252 | 50940m | 5.146 | ng | |
| 90) Benzo(a)pyrene | 15.351 | 252 | 104814 | 10.968 | ng | 97 |
| 92) Benzo(g,h,i)perylene | 17.333 | 276 | 37941 | 3.658 | ng | 99 |

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

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