Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
Data File : BP012076.D
Acq On : 12 Oct 2022 12:16
Operator : CG/JU
Sample : N5024-06
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
C0BF6

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 10/13/2022
Supervised By :mohammad ahmed 10/14/2022

Quant Time: Oct 12 23:06:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 23:03:21 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.857 | 152 | 204876 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.663 | 136 | 837815 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.504 | 164 | 506797 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.263 | 188 | 1069452 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.351 | 240 | 1081563 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.774 | 264 | 1161196 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.275 | 96 | 29650 | 5.706 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.711 | 84 | 117527 | 8.505 | ng/ul | 0.01 |
| 7) Phenol-d5 | 7.022 | 99 | 366207 | 22.225 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.187 | 67 | 283798 | 30.344 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.387 | 132 | 383845 | 29.348 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.569 | 113 | 242184 | 19.136 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.022 | 128 | 197188 | 33.325 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.746 | 143 | 211248 | 35.209 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.281 | 165 | 352596 | 30.323 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.804 | 131 | 346437 | 20.218 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.916 | 166 | 1082141 | 33.715 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.198 | 160 | 1326791 | 33.429 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.716 | 143 | 82122 | 13.033 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.498 | 176 | 1020394 | 35.139 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.622 | 200 | 84340 | 14.935 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.363 | 188 | 1532683 | 33.004 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.598 | 212 | 1906160 | 34.402 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.615 | 264 | 1878129 | 33.272 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 16) Acetophenone | 8.687 | 105 | 39968 | 2.048 | ng/ul | 98 |
| 50) Acenaphthylene | 14.228 | 152 | 94121 | 2.096 | ng/ul | 96 |
| 72) Phenanthrene | 17.304 | 178 | 466543 | 8.022 | ng/ul | 99 |
| 74) Anthracene | 17.398 | 178 | 74591 | 1.296 | ng/ul | 98 |
| 80) Fluoranthene | 19.274 | 202 | 756166 | 11.137 | ng/ul | 99 |
| 82) Pyrene | 19.627 | 202 | 646466 | 8.997 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.333 | 228 | 246918 | 3.627 | ng/ul | 96 |
| 87) Chrysene | 21.386 | 228 | 315038 | 4.808 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.033 | 252 | 473319 | 6.440 | ng/ul# | 94 |
| 91) Benzo(k)fluoranthene | 23.074 | 252 | 175059m | 2.421 | ng/ul | |
| 93) Benzo(a)pyrene | 23.662 | 252 | 276191 | 4.212 | ng/ul# | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 26.286 | 276 | 256404 | 3.092 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.056 | 276 | 237148 | 3.172 | ng/ul# | 94 |

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

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