Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018922.D
Acq On : 18 Dec 2023 23:50
Operator : MA/JU
Sample : 05794-13
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
BH3Q8

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 00:20:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 23:34:47 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.828 | 152 | 196783 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.628 | 136 | 668316 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.463 | 164 | 363721 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.216 | 188 | 867128 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.310 | 240 | 950035 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.680 | 264 | 1184466 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.258 | 96 | 12781 | 2.213 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.687 | 84 | 17610 | 1.139 | ng/ul | 0.01 |
| 7) Phenol-d5 | 7.005 | 99 | 196745 | 9.963 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.169 | 67 | 128852 | 11.009 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.364 | 132 | 170600 | 11.071 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.546 | 113 | 101371 | 6.343 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.993 | 128 | 80337 | 13.506 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.710 | 143 | 83057 | 13.468 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.252 | 165 | 147706 | 11.713 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.775 | 131 | 47041 | 2.854 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.881 | 166 | 413429 | 12.736 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.157 | 160 | 501745 | 14.037 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.681 | 143 | 35283 | 6.621 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.457 | 176 | 386921 | 14.200 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.587 | 200 | 14633 | 2.814 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.310 | 188 | 656272 | 14.396 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.551 | 212 | 888797 | 12.018 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.527 | 264 | 947752 | 13.723 | ng/ul | 0.01 |
| Target Compounds | | | | | | Qvalue |
| 6) Benzaldehyde | 6.981 | 77 | 23712 | 2.326 | ng/ul | 97 |
| 8) Phenol | 7.040 | 94 | 27373 | 1.413 | ng/ul | 98 |
| 16) Acetophenone | 8.658 | 105 | 70861 | 2.975 | ng/ul | 96 |
| 50) Acenaphthylene | 14.187 | 152 | 57353 | 1.427 | ng/ul | 98 |
| 61) Fluorene | 15.510 | 166 | 31837 | 1.089 | ng/ul | 93 |
| 72) Phenanthrene | 17.257 | 178 | 726449 | 13.871 | ng/ul | 99 |
| 74) Anthracene | 17.345 | 178 | 225781 | 4.301 | ng/ul | 99 |
| 77) Carbazole | 17.622 | 167 | 57385 | 1.372 | ng/ul | 97 |
| 80) Fluoranthene | 19.228 | 202 | 1881434 | 21.523 | ng/ul | 97 |
| 82) Pyrene | 19.581 | 202 | 1932943 | 21.919 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.292 | 228 | 1467911 | 19.036 | ng/ul | 98 |
| 87) Chrysene | 21.345 | 228 | 1465147 | 20.632 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 22.963 | 252 | 2257813 | 25.853 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 23.004 | 252 | 756346m | 8.951 | ng/ul | |
| 93) Benzo(a)pyrene | 23.580 | 252 | 1786819m | 22.392 | ng/ul | |
| 94) Indeno(1,2,3-cd)pyrene | 26.151 | 276 | 1431699 | 15.017 | ng/ul# | 94 |
| 95) Dibenzo(a,h)anthracene | 26.151 | 278 | 411385 | 5.187 | ng/ul# | 78 |
| 96) Benzo(g,h,i)perylene | 26.910 | 276 | 732848 | 9.551 | ng/ul | 96 |

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

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