Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012157.D
Acq On : 15 Oct 2022 02:43
Operator : CG/JU
Sample : N4984-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 15 03:57:32 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

**Instrument :**
BNA_P
**ClientSampleId :**
BGNB8

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.840 | 152 | 203449 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.646 | 136 | 848203 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.492 | 164 | 494315 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.251 | 188 | 1067637 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.339 | 240 | 1085071 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.757 | 264 | 1159976 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.270 | 96 | 8586m | 1.664 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.711 | 84 | 13617 | 0.992 | ng/ul | 0.01 |
| 7) Phenol-d5 | 7.011 | 99 | 470739 | 28.769 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.175 | 67 | 276596 | 29.781 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.369 | 132 | 376820 | 29.012 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.552 | 113 | 365812 | 29.107 | ng/ul | -0.01 |
| 21) Nitrobenzene-d5 | 9.010 | 128 | 177193 | 29.579 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.728 | 143 | 182141 | 29.986 | ng/ul | -0.02 |
| 28) 2,4-Dichlorophenol-d3 | 10.269 | 165 | 329769 | 28.013 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.793 | 131 | 380402 | 21.928 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.904 | 166 | 990106 | 31.627 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.181 | 160 | 1199815 | 30.993 | ng/ul | -0.01 |
| 54) 4-Nitrophenol-d4 | 14.704 | 143 | 117183 | 19.067 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.487 | 176 | 930637 | 32.857 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.616 | 200 | 56066 | 9.945 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.351 | 188 | 1502776 | 32.415 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.586 | 212 | 1864023 | 33.532 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.598 | 264 | 1897081 | 33.643 | ng/ul | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 8) Phenol | 7.034 | 94 | 26111 | 1.520 | ng/ul# | 81 |
| 47) Dimethylphthalate | 13.951 | 163 | 40638 | 1.232 | ng/ul | 100 |
| 72) Phenanthrene | 17.292 | 178 | 166338 | 2.865 | ng/ul | 99 |
| 74) Anthracene | 17.381 | 178 | 104882 | 1.825 | ng/ul | 98 |
| 80) Fluoranthene | 19.263 | 202 | 740443 | 10.870 | ng/ul | 96 |
| 82) Pyrene | 19.616 | 202 | 644560 | 8.942 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.327 | 228 | 447757 | 6.556 | ng/ul | 95 |
| 87) Chrysene | 21.374 | 228 | 383506 | 5.833 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.016 | 252 | 475168 | 6.471 | ng/ul# | 95 |
| 91) Benzo(k)fluoranthene | 23.057 | 252 | 163083m | 2.258 | ng/ul | |
| 93) Benzo(a)pyrene | 23.645 | 252 | 371063 | 5.664 | ng/ul# | 95 |
| 94) Indeno(1,2,3-cd)pyrene | 26.257 | 276 | 213631 | 2.579 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 27.033 | 276 | 148348 | 1.986 | ng/ul# | 93 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101422\
Data File : BP012157.D
Acq On : 15 Oct 2022 02:43
Operator : CG/JU
Sample : N4984-14
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Oct 15 03:57:32 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

**Instrument :**
BNA_P
**ClientSampleId :**
BGNB8

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 10/15/2022
Supervised By :mohammad ahmed 10/16/2022