Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120822\
Data File : BP013002.D
Acq On : 09 Dec 2022 01:39
Operator : CG/JU
Sample : N5832-06DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBXK3DL

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022

Quant Time: Dec 09 04:07:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 00:35:07 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.975 | 152 | 708058 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.787 | 136 | 3141685 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.616 | 164 | 2095116 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.369 | 188 | 4660606 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.457 | 240 | 3863760 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.945 | 264 | 3498687 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.358 | 96 | 14105 | 0.852 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.793 | 84 | 95438 | 2.029 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.128 | 99 | 266985 | 4.629 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.299 | 67 | 170268 | 4.894 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.499 | 132 | 214204 | 4.718 | ng/ul | -0.01 |
| 15) 4-Methylphenol-d8 | 8.681 | 113 | 225202 | 4.766 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.140 | 128 | 96344 | 4.174 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.869 | 143 | 101935 | 3.923 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.405 | 165 | 243126 | 4.817 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.922 | 131 | 171260 | 2.403 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.016 | 166 | 828083 | 5.143 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.310 | 160 | 853890 | 4.826 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.604 | 176 | 763849 | 5.607 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.716 | 200 | 76820 | 2.561 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.469 | 188 | 1184294 | 5.632 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.698 | 212 | 1363700 | 6.149 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.786 | 264 | 977838 | 5.607 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.840 | 128 | 317049 | 1.930 | ng/ul | 99 |
| 50) Acenaphthylene | 14.334 | 152 | 363843 | 1.913 | ng/ul | 99 |
| 52) Acenaphthene | 14.675 | 153 | 149239 | 1.132 | ng/ul | 98 |
| 61) Fluorene | 15.663 | 166 | 222665 | 1.481 | ng/ul | 96 |
| 72) Phenanthrene | 17.410 | 178 | 2099198 | 8.647 | ng/ul | 99 |
| 74) Anthracene | 17.504 | 178 | 13321132 | 54.958 | ng/ul | 94 |
| 80) Fluoranthene | 19.375 | 202 | 5138500 | 20.414 | ng/ul | 99 |
| 82) Pyrene | 19.728 | 202 | 6129303 | 23.605 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.439 | 228 | 3320954 | 12.947 | ng/ul | 99 |
| 87) Chrysene | 21.492 | 228 | 5442228 | 22.436 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 23.186 | 252 | 7793059 | 34.930 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 23.233 | 252 | 1976022m | 8.932 | ng/ul | |
| 93) Benzo(a)pyrene | 23.833 | 252 | 3042270 | 15.661 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.545 | 276 | 2069763 | 8.554 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.551 | 278 | 524798 | 2.619 | ng/ul# | 85 |
| 96) Benzo(g,h,i)perylene | 27.351 | 276 | 1545112 | 7.954 | ng/ul | 100 |

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

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