Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012269.D
Acq On : 22 Oct 2022 05:14
Operator : CG/JU
Sample : N4755-06DL 10X
Misc :
ALS Vial : 65 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWK2DL

**Manual Integrations APPROVED**
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 22 09:52:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101922.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 22 01:24:49 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.822 | 152 | 458868 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.622 | 136 | 1985672 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.469 | 164 | 1220063 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.228 | 188 | 2307544 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.321 | 240 | 1583108 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.721 | 264 | 1741939 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.264 | 96 | 4614 | 0.407 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.705 | 84 | 24334m | 0.745 | ng/ul | 0.02 |
| 7) Phenol-d5 | 6.993 | 99 | 90463 | 2.284 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.157 | 67 | 55553 | 2.312 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.352 | 132 | 74659 | 2.476 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.540 | 113 | 64205 | 2.085 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.993 | 128 | 33073 | 2.250 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.710 | 143 | 35917 | 2.265 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.251 | 165 | 66568 | 2.238 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.781 | 131 | 41108 | 0.973 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6 | 13.887 | 166 | 230183 | 2.712 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.163 | 160 | 247257 | 2.552 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.710 | 143 | 14960 | 0.941 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.469 | 176 | 205428 | 2.814 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 200 | 9960 | 0.759 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.328 | 188 | 296561 | 2.932 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.569 | 212 | 284657 | 3.158 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.568 | 264 | 242578 | 2.777 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 50) Acenaphthylene | 14.192 | 152 | 223912 | 2.074 | ng/ul | 100 |
| 61) Fluorene | 15.522 | 166 | 149785 | 1.809 | ng/ul | 100 |
| 72) Phenanthrene | 17.275 | 178 | 964690 | 7.778 | ng/ul | 99 |
| 74) Anthracene | 17.363 | 178 | 4118403 | 33.562 | ng/ul | 99 |
| 80) Fluoranthene | 19.245 | 202 | 3214528 | 28.861 | ng/ul | 97 |
| 82) Pyrene | 19.598 | 202 | 3760201 | 32.998 | ng/ul | 96 |
| 85) Benzo(a)anthracene | 21.310 | 228 | 1072621 | 10.396 | ng/ul | 98 |
| 87) Chrysene | 21.357 | 228 | 1504919 | 15.630 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 22.992 | 252 | 2545927 | 21.931 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.033 | 252 | 599845m | 5.242 | ng/ul | |
| 93) Benzo(a)pyrene | 23.615 | 252 | 1097563 | 11.056 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.215 | 276 | 943960 | 8.214 | ng/ul | 95 |
| 95) Dibenzo(a,h)anthracene | 26.221 | 278 | 237654 | 2.294 | ng/ul# | 83 |
| 96) Benzo(g,h,i)perylene | 26.986 | 276 | 747261 | 6.925 | ng/ul | 98 |

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

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