Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102022\
Data File : BP012270.D
Acq On : 22 Oct 2022 05:48
Operator : CG/JU
Sample : N4755-09DL 5X
Misc :
ALS Vial : 66 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
DBWK5DL

Quant Time: Oct 22 10:02:52 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 | 7.816 | 152 | 493266 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.622 | 136 | 2103167 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.469 | 164 | 1258165 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.233 | 188 | 2179824 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.327 | 240 | 1580838 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.733 | 264 | 1864057 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.258 | 96 | 7985 | 0.655 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.693 | 84 | 46641 | 1.328 | ng/ul | 0.01 |
| 7) Phenol-d5 | 6.993 | 99 | 161521 | 3.793 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.157 | 67 | 94174 | 3.647 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.352 | 132 | 129822 | 4.005 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.534 | 113 | 126571 | 3.824 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.987 | 128 | 60048 | 3.857 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.710 | 143 | 63212 | 3.763 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.251 | 165 | 127069 | 4.033 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.775 | 131 | 92895 | 2.075 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.887 | 166 | 388104 | 4.434 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.163 | 160 | 435158 | 4.356 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.698 | 143 | 33048 | 2.016 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.469 | 176 | 334162 | 4.438 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.598 | 200 | 18371 | 1.481 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.339 | 188 | 430980 | 4.511 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.569 | 212 | 390754 | 4.341 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.574 | 264 | 406045 | 4.344 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.675 | 128 | 1118481 | 9.944 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.287 | 142 | 739725 | 9.666 | ng/ul | 100 |
| 50) Acenaphthylene | 14.192 | 152 | 605035 | 5.436 | ng/ul | 99 |
| 52) Acenaphthene | 14.534 | 153 | 348364 | 4.425 | ng/ul | 99 |
| 61) Fluorene | 15.522 | 166 | 3028846 | 35.475 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.886 | 266 | 52776 | 3.214 | ng/ul | 99 |
| 72) Phenanthrene | 17.280 | 178 | 7142896 | 60.968 | ng/ul | 100 |
| 74) Anthracene | 17.280 | 178 | 7142896 | 61.621 | ng/ul | 99 |
| 80) Fluoranthene | 19.245 | 202 | 5766339 | 51.847 | ng/ul | 96 |
| 82) Pyrene | 19.598 | 202 | 5792141 | 50.903 | ng/ul | 95 |
| 85) Benzo(a)anthracene | 21.310 | 228 | 2031304 | 19.716 | ng/ul | 97 |
| 87) Chrysene | 21.363 | 228 | 3956525 | 41.152 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 23.004 | 252 | 6640326 | 53.453 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 23.039 | 252 | 1541944m | 12.592 | ng/ul | |
| 93) Benzo(a)pyrene | 23.627 | 252 | 2964667 | 27.908 | ng/ul | 96 |
| 94) Indeno(1,2,3-cd)pyrene | 26.227 | 276 | 2606048 | 21.192 | ng/ul# | 94 |
| 95) Dibenzo(a,h)anthracene | 26.221 | 278 | 662743 | 5.978 | ng/ul# | 78 |
| 96) Benzo(g,h,i)perylene | 26.998 | 276 | 1977063 | 17.122 | ng/ul | 98 |

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

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