Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023779.D
Acq On : 28 Jan 2025 19:04
Operator : RC/JU
Sample : Q1189-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
A44Q6

Quant Time: Jan 29 08:49:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.787 | 152 | 479998 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.569 | 136 | 2058285 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.422 | 164 | 1304728 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.222 | 188 | 2499711 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.669 | 240 | 2534234 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.080 | 264 | 2825909 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.305 | 96 | 27475 | 2.305 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.722 | 84 | 112351 | 3.267 | ng/ul | 0.02 |
| 7) Phenol-d5 | 6.981 | 99 | 582158 | 14.333 | ng/ul | 0.03 |
| 9) Bis-(2-Chloroethyl)eth... | 7.122 | 67 | 301886 | 13.159 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.334 | 132 | 473372 | 15.331 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.499 | 113 | 425863 | 13.334 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 8.934 | 128 | 220471 | 14.217 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.652 | 143 | 232563 | 16.358 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.204 | 165 | 450159 | 15.063 | ng/ul | 0.02 |
| 31) 4-Chloroaniline-d4 | 10.698 | 131 | 405236 | 8.479 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.822 | 166 | 1338966 | 14.270 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.110 | 160 | 1374840 | 12.660 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.651 | 143 | 200632 | 10.641 | ng/ul | 0.06 |
| 60) Fluorene-d10 | 15.428 | 176 | 997198 | 12.415 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200 | 79631 | 6.469 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.316 | 188 | 1579486 | 13.161 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.686 | 212 | 1500165 | 11.633 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.839 | 264 | 1067547 | 7.547 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 6) Benzaldehyde | 6.940 | 77 | 53656 | 2.629 | ng/ul | 97 |
| 8) Phenol | 7.005 | 94 | 81518 | 1.918 | ng/ul | 97 |
| 16) Acetophenone | 8.604 | 105 | 307934 | 6.004 | ng/ul | 98 |
| 50) Acenaphthylene | 14.140 | 152 | 174025 | 1.478 | ng/ul | 99 |
| 72) Phenanthrene | 17.263 | 178 | 1074374 | 7.607 | ng/ul | 99 |
| 74) Anthracene | 17.351 | 178 | 215901 | 1.539 | ng/ul | 99 |
| 80) Fluoranthene | 19.345 | 202 | 3692917 | 25.186 | ng/ul | 99 |
| 82) Pyrene | 19.716 | 202 | 2715173 | 17.050 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.645 | 228 | 1530881 | 9.529 | ng/ul | 97 |
| 87) Chrysene | 21.716 | 228 | 1905963 | 12.672 | ng/ul | 98 |
| 90) Benzo(b)fluoranthene | 24.004 | 252 | 2536530 | 15.110 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 24.068 | 252 | 786083 | 4.542 | ng/ul | 98 |
| 93) Benzo(a)pyrene | 24.898 | 252 | 901966 | 5.709 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 28.939 | 276 | 906576 | 4.617 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 29.033 | 278 | 321020 | 2.012 | ng/ul | 93 |

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

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