Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Feb 04 08:16:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
A44T0

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.775 | 152 | 442654 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.546 | 136 | 2045826 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.393 | 164 | 1329563 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.204 | 188 | 2596259 | 20.000 | ng/ul | 0.02 |
| 79) Chrysene-d12 | 21.639 | 240 | 2521944 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 25.021 | 264 | 2734207 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.293 | 96 | 24779 | 2.326 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.711 | 84 | 86517 | 2.814 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.958 | 99 | 501486 | 12.802 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.111 | 67 | 289977 | 13.985 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.316 | 132 | 423041 | 13.752 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.475 | 113 | 285581 | 8.924 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.916 | 128 | 206252 | 12.601 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.634 | 143 | 213970 | 12.115 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.175 | 165 | 414844 | 12.804 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.687 | 131 | 206360 | 4.259 | ng/ul | 0.01 |
| 46) Dimethylphthalate-d6 | 13.793 | 166 | 1296089 | 13.069 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.087 | 160 | 1441372 | 12.886 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.616 | 143 | 140024 | 7.110 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.398 | 176 | 1083492 | 12.974 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.522 | 200 | 105956 | 6.615 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.298 | 188 | 1651739 | 12.957 | ng/ul | 0.01 |
| 81) Pyrene-d10 | 19.669 | 212 | 1567779 | 11.602 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.780 | 264 | 950012 | 6.659 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 6.987 | 94 | 100348 | 2.495 | ng/ul | 99 |
| 16) Acetophenone | 8.587 | 105 | 429180 | 8.773 | ng/ul | 98 |
| 50) Acenaphthylene | 14.116 | 152 | 471389 | 3.957 | ng/ul | 99 |
| 61) Fluorene | 15.457 | 166 | 157298 | 1.620 | ng/ul | 97 |
| 72) Phenanthrene | 17.245 | 178 | 3886549 | 26.508 | ng/ul | 100 |
| 74) Anthracene | 17.334 | 178 | 537728 | 3.637 | ng/ul | 99 |
| 77) Carbazole | 17.616 | 167 | 262026 | 2.023 | ng/ul | 99 |
| 80) Fluoranthene | 19.322 | 202 | 5799770 | 37.261 | ng/ul | 98 |
| 82) Pyrene | 19.698 | 202 | 4130325 | 25.375 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.627 | 228 | 2190860m | 13.211 | ng/ul | |
| 86) Bis(2-ethylhexyl)phtha... | 21.569 | 149 | 118075 | 1.155 | ng/ul | 98 |
| 87) Chrysene | 21.692 | 228 | 2597849 | 17.001 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.951 | 252 | 2972916m | 17.919 | ng/ul | |
| 91) Benzo(k)fluoranthene | 24.021 | 252 | 1076886m | 6.475 | ng/ul | |
| 93) Benzo(a)pyrene | 24.851 | 252 | 1074238 | 6.934 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 28.839 | 276 | 988148 | 4.920 | ng/ul | 96 |
| 95) Dibenzo(a,h)anthracene | 28.939 | 278 | 394589m | 2.422 | ng/ul | |

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

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