Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122723\
Data File : BP019111.D
Acq On : 27 Dec 2023 12:33
Operator : MA/JU
Sample : SSTD00570
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD005637

Quant Time: Dec 28 02:53:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 28 02:21:23 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.811 | 152 | 140229 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.605 | 136 | 528956 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.457 | 164 | 320414 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.210 | 188 | 749145 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.316 | 240 | 843236 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.686 | 264 | 998578 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.240 | 96 | 9728 | 2.379 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 0.000 | 84 | 0d | 0.000 | ng/ul | |
| 7) Phenol-d5 | 0.000 | 99 | 0d | 0.000 | ng/ul | |
| 9) Bis-(2-Chloroethyl)eth... | 0.000 | 67 | 0d | 0.000 | ng/ul | |
| 11) 2-Chlorophenol-d4 | 7.340 | 132 | 55682 | 5.492 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 0.000 | 113 | 0d | 0.000 | ng/ul | |
| 21) Nitrobenzene-d5 | 8.975 | 128 | 24461 | 5.350 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.693 | 143 | 24232 | 4.904 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.234 | 165 | 53274 | 5.339 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 0.000 | 131 | 0d | 0.000 | ng/ul | |
| 46) Dimethylphthalate-d6 | 13.875 | 166 | 160777 | 5.681 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.145 | 160 | 170295 | 5.546 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 60) Fluorene-d10 | 15.451 | 176 | 141127 | 5.772 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 0.000 | 200 | 0d | 0.000 | ng/ul | |
| 73) Anthracene-d10 | 17.310 | 188 | 220741 | 5.642 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.557 | 212 | 293437 | 5.710 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.533 | 264 | 316389 | 5.512 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.275 | 88 | 10797 | 2.392 | ng/uL | 98 |
| 12) 2-Chlorophenol | 7.375 | 128 | 59110 | 5.697 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.622 | 70 | 40646 | 5.559 | ng/ul | 99 |
| 19) Hexachloroethane | 8.881 | 117 | 24946 | 5.732 | ng/ul | 93 |
| 22) Nitrobenzene | 9.016 | 77 | 63332 | 5.669 | ng/ul | 100 |
| 23) Isophorone | 9.540 | 82 | 109940 | 5.458 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.728 | 139 | 27095 | 5.135 | ng/ul | 98 |
| 26) 2,4-Dimethylphenol | 9.793 | 107 | 44801 | 4.823 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)met... | 10.028 | 93 | 76061 | 5.713 | ng/ul | 96 |
| 29) 2,4-Dichlorophenol | 10.257 | 162 | 54008 | 5.538 | ng/ul | 99 |
| 30) Naphthalene | 10.657 | 128 | 187227 | 5.871 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.940 | 225 | 43072 | 5.739 | ng/ul | 98 |
| 35) 4-Chloro-3-methylphenol | 11.910 | 107 | 49989 | 5.222 | ng/ul | 99 |
| 36) 2-Methylnaphthalene | 12.275 | 142 | 122864 | 5.714 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.493 | 142 | 124665 | 5.749 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.640 | 216 | 76058 | 5.764 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.893 | 196 | 41895 | 5.320 | ng/ul | 92 |
| 42) 2,4,5-Trichlorophenol | 12.963 | 196 | 43153 | 5.162 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.287 | 154 | 164352 | 5.880 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.328 | 162 | 130115 | 5.802 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.546 | 65 | 27229 | 5.057 | ng/ul | 88 |
| 47) Dimethylphthalate | 13.922 | 163 | 158250 | 5.665 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.040 | 165 | 24443 | 4.761 | ng/ul | 92 |
| 50) Acenaphthylene | 14.175 | 152 | 196088 | 5.675 | ng/ul | 99 |

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|---|---|---|---|---|---|---|
| 52) Acenaphthene | 14.522 | 153 | 137020 | 5.851 | ng/ul | 99 |
| 56) Dibenzofuran | 14.857 | 168 | 201160 | 6.015 | ng/ul | 100 |
| 57) 2,4-Dinitrotoluene | 14.834 | 165 | 36171 | 4.791 | ng/ul | 97 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.087 | 232 | 37849 | 5.182 | ng/ul | 97 |
| 59) Diethylphthalate | 15.287 | 149 | 150834 | 5.568 | ng/ul | 98 |
| 61) Fluorene | 15.510 | 166 | 159091 | 5.944 | ng/ul | 97 |
| 62) 4-Chlorophenyl-phenyle... | 15.504 | 204 | 85770 | 5.868 | ng/ul | 96 |
| 67) N-Nitrosodiphenylamine | 15.722 | 169 | 131149 | 5.736 | ng/ul | 98 |
| 68) 4-Bromophenyl-phenylether | 16.404 | 248 | 50006 | 5.370 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.510 | 284 | 65487 | 5.755 | ng/ul | 97 |
| 72) Phenanthrene | 17.257 | 178 | 270636 | 5.961 | ng/ul | 99 |
| 74) Anthracene | 17.345 | 178 | 262441 | 5.807 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.251 | 216 | 73590 | 5.650 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.775 | 250 | 74627 | 5.766 | ng/uL | 96 |
| 78) Di-n-butylphthalate | 18.181 | 149 | 248661 | 5.333 | ng/ul | 99 |
| 80) Fluoranthene | 19.233 | 202 | 341399 | 5.789 | ng/ul | 100 |
| 82) Pyrene | 19.586 | 202 | 366017 | 5.924 | ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.469 | 149 | 109218 | 4.949 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.304 | 228 | 382202 | 5.737 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.233 | 149 | 161818 | 4.979 | ng/ul | 97 |
| 87) Chrysene | 21.351 | 228 | 364522 | 5.868 | ng/ul | 99 |
| 90) Benzo(b)fluoranthene | 22.963 | 252 | 387927 | 5.531 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.010 | 252 | 400624 | 5.813 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.580 | 252 | 377299 | 5.715 | ng/ul | 97 |
| 94) Indeno(1,2,3-cd)pyrene | 26.151 | 276 | 482676 | 5.703 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.163 | 278 | 404839 | 5.750 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.898 | 276 | 386659 | 5.701 | ng/ul | 100 |

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

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