Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030821\
Data File : BP004932.D
Acq On : 08 Mar 2021 11:24
Operator : CG/JU
Sample : SSTD04005
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD040050

**Manual Integrations APPROVED**
mohammad
3/9/2021 12:19:24 PM

Quant Time: Mar 08 12:00:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP030821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 08 11:29:05 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 35660 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.53 | 136 | 140966 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.39 | 164 | 93765 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.15 | 188 | 203330 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.23 | 240 | 222701 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.53 | 264 | 218773 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 15833 | 17.28 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.64 | 84 | 106998 | 45.33 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.91 | 99 | 121516 | 39.91 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.08 | 67 | 64577 | 40.90 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.27 | 132 | 97241 | 41.02 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.45 | 113 | 99694 | 40.78 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.89 | 128 | 48450 | 43.06 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.61 | 143 | 54706 | 43.44 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.15 | 165 | 102864 | 42.44 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.67 | 131 | 134517 | 40.30 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.80 | 166 | 308265 | 41.11 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.08 | 160 | 354387 | 41.97 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.60 | 143 | 55133 | 39.94 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.39 | 176 | 268147 | 41.05 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.51 | 200 | 59459 | 40.57 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.25 | 188 | 412969 | 41.71 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.49 | 212 | 479065 | 43.38 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.38 | 264 | 521731 | 42.97 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 16850 | 17.885 | ng/uL# | 86 |
| 5) Pyridine | 3.66 | 79 | 104203 | 43.527 | ng/ul | 90 |
| 6) Benzaldehyde | 6.88 | 77 | 76319 | 48.748 | ng/ul | 95 |
| 8) Phenol | 6.94 | 94 | 128931 | 39.855 | ng/ul | 96 |
| 10) Bis(2-Chloroethyl)ether | 7.17 | 93 | 97608 | 40.813 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.30 | 128 | 102334 | 40.872 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.18 | 108 | 98141 | 40.192 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.27 | 45 | 101901 | 67.275 | ng/ul | 98 |
| 16) Acetophenone | 8.56 | 105 | 165900 | 39.910 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propylamine | 8.55 | 70 | 81246 | 41.959 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.51 | 108 | 107109 | 40.682 | ng/ul | 97 |
| 19) Hexachloroethane | 8.81 | 117 | 46005 | 41.495 | ng/ul | 88 |
| 22) Nitrobenzene | 8.94 | 77 | 125067 | 42.714 | ng/ul | 98 |
| 23) Isophorone | 9.46 | 82 | 219260 | 43.177 | ng/ul | 100 |
| 25) 2-Nitrophenol | 9.65 | 139 | 58282 | 42.439 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.71 | 107 | 128591 | 42.067 | ng/ul | 91 |
| 27) Bis(2-Chloroethoxy)methane | 9.95 | 93 | 128889 | 41.628 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.17 | 162 | 102861 | 42.335 | ng/ul | 98 |
| 30) Naphthalene | 10.57 | 128 | 332632 | 41.458 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.69 | 127 | 137789 | 40.436 | ng/ul | 100 |
| 33) Hexachlorobutadiene | 10.86 | 225 | 74807 | 40.494 | ng/ul | 98 |
| 34) Caprolactam | 11.48 | 113 | 32872m | 40.473 | ng/ul | |

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Data File : BP004932.D
Acq On : 08 Mar 2021 11:24
Operator : CG/JU
Sample : SSTD04005
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040050

**Manual Integrations APPROVED**
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Quant Time: Mar 08 12:00:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP030821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 08 11:29:05 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 11.83 | 107 | 118771 | 43.107 | ng/ul# | 95 |
| 36) 2-Methylnaphthalene | 12.20 | 142 | 237044 | 40.926 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.42 | 142 | 239232 | 41.515 | ng/ul | 96 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.57 | 216 | 139536 | 40.649 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.55 | 237 | 88612 | 39.678 | ng/ul | 96 |
| 41) 2,4,6-Trichlorophenol | 12.81 | 196 | 87700 | 42.143 | ng/ul | 95 |
| 42) 2,4,5-Trichlorophenol | 12.89 | 196 | 94277 | 42.341 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.22 | 154 | 316183 | 42.006 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.26 | 162 | 247332 | 41.574 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.47 | 65 | 76817 | 47.739 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.85 | 163 | 312714 | 40.450 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.97 | 165 | 66619 | 43.195 | ng/ul | 95 |
| 50) Acenaphthylene | 14.11 | 152 | 364133 | 41.621 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.30 | 138 | 62062 | 42.470 | ng/ul | 93 |
| 52) Acenaphthene | 14.45 | 153 | 262649 | 41.160 | ng/ul | 97 |
| 53) 2,4-Dinitrophenol | 14.50 | 184 | 41747 | 39.981 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.62 | 109 | 59482 | 41.194 | ng/ul | 95 |
| 56) Dibenzofuran | 14.79 | 168 | 373151 | 40.420 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.76 | 165 | 94535 | 42.803 | ng/ul | 100 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.02 | 232 | 85922 | 42.000 | ng/ul# | 96 |
| 59) Diethylphthalate | 15.22 | 149 | 316534 | 40.683 | ng/ul | 99 |
| 61) Fluorene | 15.44 | 166 | 321167 | 41.250 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenylether | 15.44 | 204 | 167758 | 40.074 | ng/ul | 99 |
| 63) 4-Nitroaniline | 15.47 | 138 | 63717 | 44.382 | ng/ul | 95 |
| 66) 4,6-Dinitro-2-methylphenol | 15.53 | 198 | 61806 | 41.453 | ng/ul# | 90 |
| 67) N-Nitrosodiphenylamine | 15.65 | 169 | 271255 | 42.905 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.33 | 248 | 103176 | 42.838 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.45 | 284 | 114443 | 40.401 | ng/ul | 99 |
| 70) Atrazine | 16.62 | 200 | 106972 | 40.873 | ng/ul | 96 |
| 71) Pentachlorophenol | 16.80 | 266 | 73918 | 41.919 | ng/ul | 96 |
| 72) Phenanthrene | 17.19 | 178 | 493815 | 41.681 | ng/ul | 100 |
| 74) Anthracene | 17.28 | 178 | 506185 | 41.813 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.18 | 216 | 142039 | 42.398 | ng/uL | 97 |
| 76) Pentachlorobenzene | 14.70 | 250 | 145298 | 41.258 | ng/uL | 96 |
| 77) Carbazole | 17.55 | 167 | 438596 | 40.428 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.11 | 149 | 539271 | 43.479 | ng/ul | 99 |
| 80) Fluoranthene | 19.16 | 202 | 593995 | 43.035 | ng/ul | 99 |
| 82) Pyrene | 19.52 | 202 | 619224 | 43.074 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.39 | 149 | 244242 | 44.874 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.16 | 252 | 228315 | 41.514 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.22 | 228 | 618491 | 41.764 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 366283 | 45.132 | ng/ul | 97 |
| 87) Chrysene | 21.27 | 228 | 599752 | 41.255 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.03 | 149 | 616294 | 41.708 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.83 | 252 | 647899 | 43.213 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 22.88 | 252 | 610978 | 41.530 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.43 | 252 | 557988 | 42.313 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 25.88 | 276 | 708146 | 41.498 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 25.90 | 278 | 598976 | 40.841 | ng/ul | 97 |
| 96) Benzo(g,h,i)perylene | 26.60 | 276 | 585844 | 41.260 | ng/ul | 96 |

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Acq On : 08 Mar 2021 11:24
Operator : CG/JU
Sample : SSTD04005
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 08 12:00:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP030821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 08 11:29:05 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040050

**Manual Integrations APPROVED**
mohammad
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030821\
Data File : BP004932.D
Acq On : 08 Mar 2021 11:24
Operator : CG/JU
Sample : SSTD04005
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 08 12:00:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP030821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 08 11:29:05 2021
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040050

**Manual Integrations APPROVED**
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