Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
Data File : BP001200.D
Acq On : 04 Dec 2019 15:04
Operator : JU
Sample : PB125191BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB125191BS

Quant Time: Dec 04 16:29:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	91864	20.00	ng		-0.01
21) Naphthalene-d8	10.35	136	370421	20.00	ng		-0.01
39) Acenaphthene-d10	13.21	164	216171	20.00	ng		-0.02
64) Phenanthrene-d10	15.61	188	405945	20.00	ng		-0.02
76) Chrysene-d12	19.26	240	326211	20.00	ng		-0.02
87) Perylene-d12	21.03	264	283284	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	750249	135.50	ng		0.00
7) Phenol-d6	7.77	99	986577	133.74	ng		0.00
23) Nitrobenzene-d5	9.20	82	562377	65.87	ng		-0.01
42) 2,4,6-Tribromophenol	14.51	330	271308	130.94	ng		-0.01
45) 2-Fluorobiphenyl	12.13	172	950717	64.37	ng		-0.02
79) Terphenyl-d14	17.89	244	1116752	63.34	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	92997	35.957	ng	#	92
3) Pyridine	3.47	79	234051	32.613	ng		91
4) n-Nitrosodimethylamine	3.37	42	156166	50.286	ng	#	75
6) Aniline	7.79	93	287763	29.422	ng	#	27
8) 2-Chlorophenol	7.98	128	277079	48.366	ng		96
9) Benzaldehyde	7.61	77	126991	27.072	ng		98
10) Phenol	7.79	94	385664	45.963	ng		87
11) bis(2-Chloroethyl)ether	7.92	93	290400	44.445	ng		96
12) 1,3-Dichlorobenzene	8.22	146	291386	42.913	ng		99
13) 1,4-Dichlorobenzene	8.34	146	300694	43.960	ng		97
14) 1,2-Dichlorobenzene	8.58	146	288618	44.834	ng		98
15) Benzyl Alcohol	8.55	79	309705	51.146	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	450512	42.887	ng		99
17) 2-Methylphenol	8.74	107	243370	46.312	ng		95
18) Hexachloroethane	9.12	117	126173	44.590	ng		99
19) n-Nitroso-di-n-propylamine	8.98	70	244675	45.966	ng		93
20) 3+4-Methylphenols	8.98	107	314733	47.512	ng		97
22) Acetophenone	8.96	105	457479	42.020	ng	#	96
24) Nitrobenzene	9.23	77	371516	43.760	ng		99
25) Isophorone	9.62	82	653978	42.716	ng		99
26) 2-Nitrophenol	9.74	139	140281	45.110	ng		91
27) 2,4-Dimethylphenol	9.83	122	244497	49.636	ng		93
28) bis(2-Chloroethoxy)methane	9.99	93	372060	38.733	ng		98
29) 2,4-Dichlorophenol	10.13	162	248196	44.271	ng		99
30) 1,2,4-Trichlorobenzene	10.26	180	274670	41.947	ng		100
31) Naphthalene	10.39	128	809505	42.790	ng		99
32) Benzoic acid	10.02	122	167691	47.090	ng		97
33) 4-Chloroaniline	10.47	127	180827	22.026	ng		98
34) Hexachlorobutadiene	10.60	225	177131	43.001	ng		99
35) Caprolactam	11.05	113	82497	42.696	ng		96
36) 4-Chloro-3-methylphenol	11.29	107	294904	44.367	ng		98
37) 2-Methylnaphthalene	11.52	142	560111	43.389	ng		97
38) 1-Methylnaphthalene	11.67	142	524312	42.996	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	281262	41.286	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	228751	72.786 ng		100
43) 2,4,6-Trichlorophenol	11.98	196	191788	43.117 ng		97
44) 2,4,5-Trichlorophenol	12.04	196	200247	43.449 ng		96
46) 1,1'-Biphenyl	12.29	154	680289	40.720 ng		100
47) 2-Chloronaphthalene	12.30	162	528957	39.638 ng		97
48) 2-Nitroaniline	12.47	65	216395	41.375 ng		97
49) Acenaphthylene	12.98	152	835321	41.760 ng		99
50) Dimethylphthalate	12.81	163	651809	40.316 ng		100
51) 2,6-Dinitrotoluene	12.89	165	141866	40.991 ng	#	84
52) Acenaphthene	13.27	154	483737	40.202 ng		99
53) 3-Nitroaniline	13.15	138	107154	27.562 ng		93
54) 2,4-Dinitrophenol	13.33	184	93642	67.464 ng		88
55) Dibenzofuran	13.55	168	763473	42.225 ng		96
56) 4-Nitrophenol	13.45	139	235343	85.428 ng	#	78
57) 2,4-Dinitrotoluene	13.55	165	188573	43.469 ng	#	83
58) Fluorene	14.12	166	607128	41.904 ng		99
59) 2,3,4,6-Tetrachlorophenol	13.76	232	163042	43.036 ng	#	94
60) Diethylphthalate	13.98	149	677404	40.465 ng		100
61) 4-Chlorophenyl-phenylether	14.13	204	307001	41.611 ng		97
62) 4-Nitroaniline	12.47	138	172143	38.191 ng		92
63) Azobenzene	14.39	77	752475	41.584 ng		95
65) 4,6-Dinitro-2-methylphenol	14.21	198	68685	40.569 ng		96
66) n-Nitrosodiphenylamine	14.33	169	521525	42.282 ng		100
67) 4-Bromophenyl-phenylether	14.93	248	182949	41.511 ng		90
68) Hexachlorobenzene	15.02	284	202361	41.765 ng		97
69) Atrazine	15.22	200	186133	49.424 ng		99
70) Pentachlorophenol	15.33	266	239682	94.912 ng		98
71) Phenanthrene	15.65	178	917780	43.004 ng		99
72) Anthracene	15.73	178	925937	44.018 ng		99
73) Carbazole	15.97	167	838280	43.794 ng		99
74) Di-n-butylphthalate	16.53	149	1098950	42.701 ng		99
75) Fluoranthene	17.36	202	1018844	45.094 ng		97
77) Benzidine	17.55	184	171284	20.336 ng		98
78) Pyrene	17.66	202	1034421	40.261 ng		100
80) Butylbenzylphthalate	18.55	149	474166	39.956 ng		99
81) Benzo(a)anthracene	19.25	228	917987	40.588 ng		99
82) 3,3'-Dichlorobenzidine	19.21	252	292941	39.206 ng		98
83) Chrysene	19.29	228	845401	41.742 ng		100
84) Bis(2-ethylhexyl)phthalate	19.30	149	647135	39.663 ng		99
85) Di-n-octyl phthalate	20.08	149	1138843	39.292 ng		98
86) Indeno(1,2,3-cd)pyrene	22.68	276	935111	39.177 ng		97
88) Benzo(b)fluoranthene	20.55	252	890201	51.448 ng		99
89) Benzo(k)fluoranthene	20.58	252	817263	49.040 ng		98
90) Benzo(a)pyrene	20.96	252	769755	48.298 ng		98
91) Dibenzo(a,h)anthracene	22.71	278	786509	50.427 ng		98
92) Benzo(g,h,i)perylene	23.17	276	787058	51.104 ng		96

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

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