Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092738.D
Acq On : 2 Feb 2017 16:37
Operator : SJ/MA
Sample : PB96670BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Manual Integrations APPROVED
mohammad
2/3/2017 1:22:22 PM

Quant Time: Feb 03 00:12:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	167373	20.00	ng		-0.03
21) Naphthalene-d8	8.22	136	626047	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	369489	20.00	ng		-0.02
63) Phenanthrene-d10	11.47	188	602765	20.00	ng		-0.02
75) Chrysene-d12	14.11	240	440306	20.00	ng		-0.03
86) Perylene-d12	15.56	264	426959	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1379572	141.41	ng		-0.02
7) Phenol-d6	6.58	99	1892521	150.77	ng		-0.02
23) Nitrobenzene-d5	7.50	82	937275	83.37	ng		-0.03
41) 2,4,6-Tribromophenol	10.77	330	325960	121.97	ng		-0.03
44) 2-Fluorobiphenyl	9.31	172	1860290	91.21	ng		-0.02
78) Terphenyl-d14	13.05	244	1469789	78.43	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	200590	38.05	ng	#	83
3) Pyridine	3.38	79	628574	46.89	ng		85
4) n-Nitrosodimethylamine	3.34	42	319548	50.77	ng		84
6) Aniline	6.60	93	405706	23.69	ng		95
8) 2-Chlorophenol	6.73	128	533110	49.53	ng		99
9) Benzaldehyde	6.48	77	374783	41.68	ng		86
10) Phenol	6.60	94	668478	45.52	ng		80
11) bis(2-Chloroethyl)ether	6.67	93	565509	48.24	ng		89
12) 1,3-Dichlorobenzene	6.88	146	568172m	45.07	ng		
13) 1,4-Dichlorobenzene	6.96	146	579036	45.38	ng		95
14) 1,2-Dichlorobenzene	7.10	146	449505	36.84	ng		97
15) Benzyl Alcohol	7.08	79	382925	41.21	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	776579	38.13	ng		94
17) 2-Methylphenol	7.21	107	411650	44.58	ng		99
18) Hexachloroethane	7.45	117	166529	38.23	ng		91
19) n-Nitroso-di-n-propylamine	7.36	70	321766	40.27	ng		96
20) 3+4-Methylphenols	7.36	107	469277	42.51	ng		94
22) Acetophenone	7.36	105	615206	43.04	ng	#	90
24) Nitrobenzene	7.53	77	530490	45.95	ng		93
25) Isophorone	7.77	82	935120	44.64	ng		99
26) 2-Nitrophenol	7.85	139	270547	49.30	ng	#	81
27) 2,4-Dimethylphenol	7.88	122	442133	45.88	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	570402	41.11	ng		100
29) 2,4-Dichlorophenol	8.09	162	411201	45.75	ng		90
30) 1,2,4-Trichlorobenzene	8.17	180	419439	43.30	ng		95
31) Naphthalene	8.25	128	1259831	39.70	ng		99
32) Benzoic acid	8.02	122	267238	48.80	ng		96
33) 4-Chloroaniline	8.30	127	114578	9.21	ng		96
34) Hexachlorobutadiene	8.36	225	210101	39.43	ng		98
35) Caprolactam	8.68	113	143415m	50.73	ng		
36) 4-Chloro-3-methylphenol	8.80	107	461884	49.29	ng		96
37) 2-Methylnaphthalene	8.94	142	972884	47.75	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	379587	36.60	ng		99
40) Hexachlorocyclopentadiene	9.09	237	390597	83.47	ng		96

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Quant Time: Feb 03 00:12:34 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	305934	44.89	ng		93
43) 2,4,5-Trichlorophenol	9.26	196	305340	40.89	ng		92
45) 1,1'-Biphenyl	9.40	154	1028950	38.46	ng		97
46) 2-Chloronaphthalene	9.44	162	901837	43.09	ng		94
47) 2-Nitroaniline	9.53	65	279777	39.76	ng		99
48) Acenaphthylene	9.85	152	1451188	40.14	ng		99
49) Dimethylphthalate	9.71	163	1117956	44.92	ng		100
50) 2,6-Dinitrotoluene	9.77	165	217635	40.49	ng	#	79
51) Acenaphthene	10.02	154	1008073	46.63	ng		96
52) 3-Nitroaniline	9.94	138	106366	17.29	ng		90
53) 2,4-Dinitrophenol	10.05	184	279394	100.87	ng		94
54) Dibenzofuran	10.19	168	1241772	42.95	ng		95
55) 4-Nitrophenol	10.12	139	432089	97.53	ng	#	81
56) 2,4-Dinitrotoluene	10.18	165	349443	48.84	ng	#	78
57) Fluorene	10.53	166	1003265	45.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	236688	47.51	ng		95
59) Diethylphthalate	10.41	149	1059684	45.18	ng		97
60) 4-Chlorophenyl-phenylether	10.52	204	444985	41.64	ng	#	86
61) 4-Nitroaniline	10.56	138	236552	37.55	ng		92
62) Azobenzene	10.68	77	1122172	46.31	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	160655	44.02	ng	#	43
65) n-Nitrosodiphenylamine	10.65	169	898748	46.68	ng		100
66) 4-Bromophenyl-phenylether	11.01	248	286782	45.54	ng	#	87
67) Hexachlorobenzene	11.08	284	285319	45.85	ng	#	87
68) Atrazine	11.17	200	301827	48.84	ng		96
69) Pentachlorophenol	11.28	266	289763	89.28	ng		98
70) Phenanthrene	11.49	178	1447568	41.92	ng		99
71) Anthracene	11.54	178	1447467	41.74	ng		99
72) Carbazole	11.70	167	1232197	37.17	ng		99
73) Di-n-butylphthalate	12.02	149	1560273	43.52	ng		98
74) Fluoranthene	12.68	202	1560231	43.80	ng		93
76) Benzidine	12.80	184	486511	25.93	ng		97
77) Pyrene	12.91	202	1535952	46.61	ng		99
79) Butylbenzylphthalate	13.52	149	680565	50.86	ng		98
80) Benzo(a)anthracene	14.10	228	1218831	45.26	ng		98
81) 3,3'-Dichlorobenzidine	14.05	252	248432	25.88	ng		98
82) Chrysene	14.13	228	1205327	47.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	864949	47.27	ng	#	98
84) Di-n-octyl phthalate	14.69	149	1588181	53.30	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1043541	53.43	ng		95
87) Benzo(b)fluoranthene	15.14	252	1115452	39.69	ng		99
88) Benzo(k)fluoranthene	15.17	252	1099366m	45.31	ng		
89) Benzo(a)pyrene	15.51	252	1052070	43.28	ng		99
90) Dibenzo(a,h)anthracene	17.05	278	881122	44.85	ng		97
91) Benzo(g,h,i)perylene	17.47	276	864894	43.58	ng	#	93

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

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