Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
Data File : BF092773.D
Acq On : 3 Feb 2017 12:03
Operator : SJ/MA
Sample : PB96683BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96683BS

Manual Integrations APPROVED
mohammad
2/3/2017 1:23:13 PM

Quant Time: Feb 03 13:16:11 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	143770	20.00	ng		-0.03
21) Naphthalene-d8	8.22	136	565556	20.00	ng		-0.03
38) Acenaphthene-d10	9.98	164	305965	20.00	ng		-0.02
63) Phenanthrene-d10	11.46	188	502149	20.00	ng		-0.03
75) Chrysene-d12	14.10	240	297415	20.00	ng		-0.05
86) Perylene-d12	15.56	264	294946	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	963493	114.97	ng		-0.02
7) Phenol-d6	6.58	99	1257952	116.67	ng		-0.02
23) Nitrobenzene-d5	7.50	82	819049	80.65	ng		-0.03
41) 2,4,6-Tribromophenol	10.77	330	267264	120.77	ng		-0.03
44) 2-Fluorobiphenyl	9.30	172	1450507	85.89	ng		-0.03
78) Terphenyl-d14	13.05	244	1056671	83.48	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	183054	40.43	ng	#	84
3) Pyridine	3.39	79	533108	46.30	ng		85
4) n-Nitrosodimethylamine	3.36	42	280993	51.97	ng		85
6) Aniline	6.60	93	268250	18.24	ng	#	49
8) 2-Chlorophenol	6.73	128	397380	42.98	ng		90
9) Benzaldehyde	6.48	77	211252	27.35	ng		91
10) Phenol	6.59	94	448067	35.52	ng		87
11) bis(2-Chloroethyl)ether	6.67	93	389889	38.72	ng		94
12) 1,3-Dichlorobenzene	6.88	146	460790	42.55	ng		96
13) 1,4-Dichlorobenzene	6.96	146	453615	41.39	ng		92
14) 1,2-Dichlorobenzene	7.10	146	403534	38.51	ng		99
15) Benzyl Alcohol	7.08	79	341685	42.80	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	713768	40.80	ng		94
17) 2-Methylphenol	7.20	107	319850	40.33	ng		97
18) Hexachloroethane	7.45	117	146011	39.03	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	282981	41.23	ng	#	94
20) 3+4-Methylphenols	7.36	107	404672	42.67	ng	#	87
22) Acetophenone	7.34	105	511165	39.59	ng	#	94
24) Nitrobenzene	7.53	77	420108	40.28	ng	#	78
25) Isophorone	7.76	82	773539	40.87	ng		95
26) 2-Nitrophenol	7.84	139	197670	39.88	ng		94
27) 2,4-Dimethylphenol	7.88	122	364100	41.82	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	484205	38.63	ng		98
29) 2,4-Dichlorophenol	8.09	162	359355	44.26	ng		95
30) 1,2,4-Trichlorobenzene	8.17	180	376274	43.00	ng		98
31) Naphthalene	8.25	128	1135321	39.60	ng		99
32) Benzoic acid	8.01	122	180678	38.33	ng		97
33) 4-Chloroaniline	8.29	127	106573	9.48	ng		97
34) Hexachlorobutadiene	8.36	225	189995	39.47	ng		99
35) Caprolactam	8.67	113	109670	42.94	ng	#	47
36) 4-Chloro-3-methylphenol	8.78	107	357178	42.19	ng		97
37) 2-Methylnaphthalene	8.94	142	760387	41.31	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	335973	39.12	ng		99
40) Hexachlorocyclopentadiene	9.09	237	210876	54.42	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	235368	41.71	ng		93
43) 2,4,5-Trichlorophenol	9.26	196	247518	40.03	ng	#	87
45) 1,1'-Biphenyl	9.40	154	862645	38.94	ng		98
46) 2-Chloronaphthalene	9.42	162	692434	39.95	ng		95
47) 2-Nitroaniline	9.53	65	241454	41.44	ng		93
48) Acenaphthylene	9.85	152	1181237	39.45	ng		98
49) Dimethylphthalate	9.71	163	862857	41.87	ng		99
50) 2,6-Dinitrotoluene	9.77	165	184395	41.43	ng	#	89
51) Acenaphthene	10.02	154	739241	41.30	ng		97
52) 3-Nitroaniline	9.94	138	94012	18.46	ng		82
53) 2,4-Dinitrophenol	10.04	184	106653	49.05	ng	#	74
54) Dibenzofuran	10.19	168	1125542	47.01	ng		93
55) 4-Nitrophenol	10.11	139	255145	69.55	ng		93
56) 2,4-Dinitrotoluene	10.17	165	240298	40.55	ng		92
57) Fluorene	10.53	166	829231	45.02	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.30	232	191140	46.34	ng		99
59) Diethylphthalate	10.41	149	938462	48.32	ng		95
60) 4-Chlorophenyl-phenylether	10.52	204	391887	44.28	ng	#	85
61) 4-Nitroaniline	10.56	138	224888	43.11	ng		82
62) Azobenzene	10.68	77	1059888	52.82	ng		94
64) 4,6-Dinitro-2-methylphenol	10.58	198	104801	35.05	ng		82
65) n-Nitrosodiphenylamine	10.64	169	716877	44.69	ng		100
66) 4-Bromophenyl-phenylether	11.01	248	238812	45.52	ng	#	85
67) Hexachlorobenzene	11.07	284	213896	41.26	ng	#	72
68) Atrazine	11.17	200	240757	46.77	ng		92
69) Pentachlorophenol	11.28	266	203976	76.56	ng		98
70) Phenanthrene	11.49	178	1218540	42.36	ng		99
71) Anthracene	11.54	178	1106202	38.29	ng		99
72) Carbazole	11.70	167	1076482	38.98	ng		98
73) Di-n-butylphthalate	12.02	149	1368081	45.81	ng		98
74) Fluoranthene	12.67	202	1027327	34.62	ng		96
76) Benzidine	12.80	184	286839	22.63	ng		97
77) Pyrene	12.91	202	956215	42.96	ng		98
79) Butylbenzylphthalate	13.52	149	448030	49.57	ng		97
80) Benzo(a)anthracene	14.09	228	755559	41.54	ng		100
81) 3,3'-Dichlorobenzidine	14.05	252	210354	32.44	ng	#	95
82) Chrysene	14.13	228	727306	42.70	ng		98
83) Bis(2-ethylhexyl)phthalate	14.08	149	634549	51.34	ng	#	97
84) Di-n-octyl phthalate	14.68	149	1008060	50.08	ng		100
85) Indeno(1,2,3-cd)pyrene	17.03	276	747058	56.63	ng		96
87) Benzo(b)fluoranthene	15.14	252	765511	39.43	ng		97
88) Benzo(k)fluoranthene	15.16	252	702551m	41.91	ng		
89) Benzo(a)pyrene	15.51	252	724845	43.16	ng		97
90) Dibenzo(a,h)anthracene	17.04	278	637222	46.95	ng		97
91) Benzo(g,h,i)perylene	17.47	276	617732	45.05	ng	#	93

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

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