Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092859.D
Acq On : 8 Feb 2017 18:02
Operator : SJ/MA
Sample : PB96823BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96823BS

Manual Integrations APPROVED
mohammad
2/9/2017 12:31:13 PM

Quant Time: Feb 09 00:12:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 23:48:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143533	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	568122	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	319330	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	532157	20.00	ng		0.00
75) Chrysene-d12	14.07	240	519023	20.00	ng		0.00
86) Perylene-d12	15.51	264	394028	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1066321	127.46	ng		0.01
7) Phenol-d6	6.54	99	1393545	129.46	ng		0.01
23) Nitrobenzene-d5	7.47	82	918787	90.06	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	310386	134.39	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1681704	95.41	ng		0.00
78) Terphenyl-d14	13.00	244	1623152	73.48	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	159045	35.18	ng		86
3) Pyridine	3.30	79	424603	36.94	ng		87
4) n-Nitrosodimethylamine	3.25	42	225637	41.80	ng		83
6) Aniline	6.57	93	229129	15.60	ng	#	45
8) 2-Chlorophenol	6.68	128	390369	42.29	ng		88
9) Benzaldehyde	6.44	77	154840	20.08	ng		96
10) Phenol	6.56	94	577541	45.86	ng	#	78
11) bis(2-Chloroethyl)ether	6.64	93	383654	38.16	ng		94
12) 1,3-Dichlorobenzene	6.84	146	470852	43.55	ng		100
13) 1,4-Dichlorobenzene	6.92	146	457729m	41.83	ng		
14) 1,2-Dichlorobenzene	7.07	146	460153	43.98	ng		95
15) Benzyl Alcohol	7.05	79	365814	45.90	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	719214	41.18	ng		95
17) 2-Methylphenol	7.16	107	343712	43.41	ng		96
18) Hexachloroethane	7.41	117	155224	41.56	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	281381	41.06	ng		93
20) 3+4-Methylphenols	7.32	107	420756	44.44	ng	#	79
22) Acetophenone	7.31	105	528279	40.73	ng	#	95
24) Nitrobenzene	7.48	77	399189	38.11	ng		98
25) Isophorone	7.72	82	780314	41.05	ng		97
26) 2-Nitrophenol	7.80	139	224662	45.12	ng		94
27) 2,4-Dimethylphenol	7.85	122	409128	46.78	ng		93
28) bis(2-Chloroethoxy)methane	7.94	93	541578	43.01	ng		99
29) 2,4-Dichlorophenol	8.04	162	350496	42.97	ng		89
30) 1,2,4-Trichlorobenzene	8.12	180	363899	41.40	ng		95
31) Naphthalene	8.20	128	1125852	39.09	ng		100
32) Benzoic acid	7.97	122	213316	43.79	ng		96
33) 4-Chloroaniline	8.26	127	103795	9.19	ng		96
34) Hexachlorobutadiene	8.33	225	199728	41.30	ng		98
35) Caprolactam	8.62	113	115325m	44.95	ng		
36) 4-Chloro-3-methylphenol	8.75	107	394587	46.40	ng		96
37) 2-Methylnaphthalene	8.90	142	804014	43.48	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	334976	37.37	ng		99
40) Hexachlorocyclopentadiene	9.05	237	298083	73.71	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	253672	43.07	ng		93
43) 2,4,5-Trichlorophenol	9.22	196	262980	40.75	ng		91
45) 1,1'-Biphenyl	9.36	154	914307	39.54	ng		96
46) 2-Chloronaphthalene	9.39	162	774353	42.81	ng		96
47) 2-Nitroaniline	9.48	65	227764	37.45	ng		99
48) Acenaphthylene	9.80	152	1203022	38.50	ng		99
49) Dimethylphthalate	9.66	163	904783	42.07	ng		100
50) 2,6-Dinitrotoluene	9.72	165	192539	41.45	ng	#	70
51) Acenaphthene	9.97	154	751256	40.21	ng		97
52) 3-Nitroaniline	9.89	138	74081	13.94	ng		91
53) 2,4-Dinitrophenol	10.01	184	198713	83.85	ng	#	89
54) Dibenzofuran	10.14	168	1039802	41.61	ng		95
55) 4-Nitrophenol	10.08	139	344501	89.98	ng	#	63
56) 2,4-Dinitrotoluene	10.13	165	285891	46.23	ng		90
57) Fluorene	10.49	166	832561	43.31	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	208206	48.36	ng		95
59) Diethylphthalate	10.36	149	878530	43.34	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	359074	38.88	ng		91
61) 4-Nitroaniline	10.51	138	195284	35.87	ng		92
62) Azobenzene	10.64	77	928772	44.35	ng		96
64) 4,6-Dinitro-2-methylphenol	10.54	198	132900	41.42	ng		88
65) n-Nitrosodiphenylamine	10.60	169	755025	44.41	ng		100
66) 4-Bromophenyl-phenylether	10.97	248	233172	41.94	ng		93
67) Hexachlorobenzene	11.04	284	236894	43.12	ng		98
68) Atrazine	11.13	200	245001	44.91	ng		97
69) Pentachlorophenol	11.23	266	238808	83.82	ng		98
70) Phenanthrene	11.45	178	1192463	39.11	ng		99
71) Anthracene	11.50	178	1303012	42.56	ng		97
72) Carbazole	11.65	167	1053456	35.99	ng		99
73) Di-n-butylphthalate	11.99	149	1481519	46.81	ng	#	97
74) Fluoranthene	12.64	202	1429513	45.46	ng		96
76) Benzidine	12.75	184	358708	16.22	ng		97
77) Pyrene	12.87	202	1427203	36.74	ng		99
79) Butylbenzylphthalate	13.48	149	728984	46.22	ng		86
80) Benzo(a)anthracene	14.05	228	1160892	36.57	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	226306	20.00	ng	#	95
82) Chrysene	14.09	228	1058284	35.61	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	953215	44.19	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1441080	41.03	ng		99
85) Indeno(1,2,3-cd)pyrene	16.95	276	984255	42.75	ng		95
87) Benzo(b)fluoranthene	15.09	252	1108707	42.75	ng		98
88) Benzo(k)fluoranthene	15.12	252	952802m	42.55	ng		
89) Benzo(a)pyrene	15.45	252	971331	43.30	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	828367	45.69	ng		97
91) Benzo(g,h,i)perylene	17.38	276	835366	45.61	ng	#	92

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

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