Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
Data File : BF092856.D
Acq On : 8 Feb 2017 16:39
Operator : SJ/MA
Sample : PB96810BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96810BS

Manual Integrations APPROVED
mohammad
2/9/2017 12:31:07 PM

Quant Time: Feb 08 23:56:43 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	158032	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	610930	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	353106	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	580644	20.00	ng		0.00
75) Chrysene-d12	14.07	240	567988	20.00	ng		0.00
86) Perylene-d12	15.51	264	470954	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	718957	78.05	ng		0.01
7) Phenol-d6	6.54	99	967320	81.62	ng		0.01
23) Nitrobenzene-d5	7.47	82	882165	80.41	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	200433	78.48	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1617651	83.00	ng		0.00
78) Terphenyl-d14	13.01	244	1511769	62.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	150717	30.28	ng	#	80
3) Pyridine	3.30	79	467542	36.94	ng		85
4) n-Nitrosodimethylamine	3.25	42	222206	37.39	ng		86
6) Aniline	6.56	93	375986	23.26	ng	#	76
8) 2-Chlorophenol	6.68	128	396987	39.07	ng		91
9) Benzaldehyde	6.44	77	158190	18.63	ng		93
10) Phenol	6.56	94	578629	41.73	ng		85
11) bis(2-Chloroethyl)ether	6.64	93	422597	38.18	ng		96
12) 1,3-Dichlorobenzene	6.84	146	468931	39.40	ng		98
13) 1,4-Dichlorobenzene	6.92	146	457833m	38.00	ng		
14) 1,2-Dichlorobenzene	7.07	146	450931	39.15	ng		96
15) Benzyl Alcohol	7.05	79	373516	42.57	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.18	45	742617	38.62	ng		94
17) 2-Methylphenol	7.16	107	330343	37.89	ng		96
18) Hexachloroethane	7.41	117	156021	37.94	ng		93
19) n-Nitroso-di-n-propylamine	7.31	70	282704	37.47	ng		94
20) 3+4-Methylphenols	7.32	107	430349	41.29	ng	#	81
22) Acetophenone	7.31	105	519138	37.22	ng	#	93
24) Nitrobenzene	7.48	77	403153	35.79	ng		99
25) Isophorone	7.72	82	795820	38.93	ng		97
26) 2-Nitrophenol	7.80	139	229348	42.83	ng		95
27) 2,4-Dimethylphenol	7.85	122	413669	43.99	ng		94
28) bis(2-Chloroethoxy)methane	7.94	93	550649	40.67	ng		99
29) 2,4-Dichlorophenol	8.04	162	360937	41.15	ng		88
30) 1,2,4-Trichlorobenzene	8.12	180	364281	38.54	ng		95
31) Naphthalene	8.20	128	1122105	36.23	ng		99
32) Benzoic acid	7.97	122	239884	45.46	ng		96
33) 4-Chloroaniline	8.26	127	209729	17.27	ng		96
34) Hexachlorobutadiene	8.33	225	199344	38.33	ng		96
35) Caprolactam	8.62	113	120004m	43.50	ng		
36) 4-Chloro-3-methylphenol	8.75	107	410139	44.85	ng		92
37) 2-Methylnaphthalene	8.90	142	831798	41.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	340055	34.31	ng		99
40) Hexachlorocyclopentadiene	9.05	237	307194	68.69	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	258253	39.65	ng		91
43) 2,4,5-Trichlorophenol	9.22	196	267669	37.51	ng	#	91
45) 1,1'-Biphenyl	9.36	154	907822	35.51	ng		97
46) 2-Chloronaphthalene	9.39	162	767696	38.38	ng		95
47) 2-Nitroaniline	9.48	65	244227	36.32	ng		98
48) Acenaphthylene	9.80	152	1261191	36.50	ng		99
49) Dimethylphthalate	9.66	163	958027	40.28	ng		100
50) 2,6-Dinitrotoluene	9.72	165	193310	37.64	ng	#	75
51) Acenaphthene	9.97	154	832960	40.32	ng		97
52) 3-Nitroaniline	9.89	138	132060	22.47	ng		91
53) 2,4-Dinitrophenol	10.01	184	170368	66.08	ng		93
54) Dibenzofuran	10.14	168	1093302	39.57	ng		94
55) 4-Nitrophenol	10.06	139	343905	81.23	ng		95
56) 2,4-Dinitrotoluene	10.13	165	299103	43.74	ng	#	84
57) Fluorene	10.49	166	840548	39.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.26	232	204829	43.03	ng		97
59) Diethylphthalate	10.36	149	918244	40.97	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	367840	36.02	ng		91
61) 4-Nitroaniline	10.51	138	211260	35.09	ng		90
62) Azobenzene	10.64	77	956592	41.31	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	119681	34.65	ng	#	33
65) n-Nitrosodiphenylamine	10.60	169	768545	41.43	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	239848	39.54	ng		92
67) Hexachlorobenzene	11.04	284	243951	40.69	ng		97
68) Atrazine	11.13	200	233481	39.22	ng		97
69) Pentachlorophenol	11.23	266	253518	81.75	ng		98
70) Phenanthrene	11.45	178	1212082	36.44	ng		99
71) Anthracene	11.51	178	1310030	39.21	ng		98
72) Carbazole	11.65	167	1052445	32.96	ng		99
73) Di-n-butylphthalate	11.99	149	1493164	43.24	ng	#	97
74) Fluoranthene	12.64	202	1316624	38.37	ng		96
76) Benzidine	12.76	184	398197	16.45	ng		96
77) Pyrene	12.87	202	1317842	31.00	ng		99
79) Butylbenzylphthalate	13.48	149	729586	42.27	ng		90
80) Benzo(a)anthracene	14.05	228	1170556	33.70	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	368595	29.77	ng	#	95
82) Chrysene	14.09	228	1057413m	32.51	ng		
83) Bis(2-ethylhexyl)phthalate	14.04	149	966206	40.93	ng	#	95
84) Di-n-octyl phthalate	14.65	149	1598376	41.58	ng		97
85) Indeno(1,2,3-cd)pyrene	16.95	276	961260	38.16	ng		95
87) Benzo(b)fluoranthene	15.09	252	1191290	38.43	ng		98
88) Benzo(k)fluoranthene	15.12	252	1022703m	38.21	ng		
89) Benzo(a)pyrene	15.45	252	1052840	39.27	ng	#	97
90) Dibenzo(a,h)anthracene	16.96	278	807907	37.28	ng	#	95
91) Benzo(g,h,i)perylene	17.38	276	810515	37.02	ng	#	91

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

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