Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
Data File : BF093567.D
Acq On : 11 Mar 2017 15:15
Operator : SJ/MA
Sample : PB97500BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97500BS

Manual Integrations APPROVED
mohammad
3/15/2017 5:31:15 PM

Quant Time: Mar 13 15:34:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	188151	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	776898	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	364857	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	646236	20.00	ng		-0.01
75) Chrysene-d12	13.88	240	465123	20.00	ng		-0.01
86) Perylene-d12	15.27	264	351228	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1604452	141.93	ng		0.01
7) Phenol-d6	6.39	99	1895164	132.94	ng		0.01
23) Nitrobenzene-d5	7.29	82	1273855	90.98	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	316743	133.25	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1971672	100.52	ng		0.00
78) Terphenyl-d14	12.83	244	1595728	89.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	229679	36.89	ng		86
3) Pyridine	2.95	79	638827m	40.24	ng		
4) n-Nitrosodimethylamine	2.93	42	371399	48.98	ng		84
6) Aniline	6.39	93	471288	24.09	ng	#	77
8) 2-Chlorophenol	6.52	128	580183	45.80	ng		95
9) Benzaldehyde	6.29	77	86326	7.11	ng		93
10) Phenol	6.40	94	871534	49.89	ng	#	76
11) bis(2-Chloroethyl)ether	6.46	93	623374	44.15	ng		88
12) 1,3-Dichlorobenzene	6.65	146	612904m	42.28	ng		
13) 1,4-Dichlorobenzene	6.73	146	637869	42.97	ng		98
14) 1,2-Dichlorobenzene	6.89	146	539957	41.08	ng		94
15) Benzyl Alcohol	6.88	79	480775	47.31	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1003605	42.79	ng	#	47
17) 2-Methylphenol	7.01	107	476830	44.51	ng	#	90
18) Hexachloroethane	7.22	117	227191	45.38	ng		92
19) n-Nitroso-di-n-propylamine	7.14	70	437875	44.68	ng		93
20) 3+4-Methylphenols	7.17	107	699798	50.37	ng	#	74
22) Acetophenone	7.14	105	846667	45.29	ng	#	95
24) Nitrobenzene	7.32	77	744993	47.34	ng		98
25) Isophorone	7.56	82	1312162	46.47	ng		96
26) 2-Nitrophenol	7.64	139	328147	45.70	ng		92
27) 2,4-Dimethylphenol	7.68	122	515833	44.16	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	751985	42.19	ng		99
29) 2,4-Dichlorophenol	7.89	162	486684	44.29	ng		94
30) 1,2,4-Trichlorobenzene	7.94	180	491138	42.03	ng	#	96
31) Naphthalene	8.02	128	1543551	39.65	ng		99
32) Benzoic acid	7.85	122	353059	58.17	ng		95
33) 4-Chloroaniline	8.09	127	305743	19.35	ng	#	94
34) Hexachlorobutadiene	8.14	225	258983	43.03	ng		99
35) Caprolactam	8.48	113	190774m	50.84	ng		
36) 4-Chloro-3-methylphenol	8.60	107	524536	44.72	ng		96
37) 2-Methylnaphthalene	8.72	142	1102680	44.51	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	453400	45.51	ng		98
40) Hexachlorocyclopentadiene	8.87	237	306425	115.56	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	326644	52.48	ng		91
43) 2,4,5-Trichlorophenol	9.06	196	322661	48.31	ng		93
45) 1,1'-Biphenyl	9.18	154	1211532	45.58	ng		96
46) 2-Chloronaphthalene	9.21	162	1031584	50.71	ng		97
47) 2-Nitroaniline	9.32	65	388102	53.96	ng	#	84
48) Acenaphthylene	9.62	152	1547880	46.13	ng		98
49) Dimethylphthalate	9.49	163	1206618	49.88	ng		98
50) 2,6-Dinitrotoluene	9.57	165	284830	53.66	ng		95
51) Acenaphthene	9.78	154	902398	45.48	ng		97
52) 3-Nitroaniline	9.74	138	166103	26.05	ng		95
53) 2,4-Dinitrophenol	9.86	184	218936	90.58	ng	#	76
54) Dibenzofuran	9.97	168	1400465	56.39	ng		96
55) 4-Nitrophenol	9.93	139	293235m	94.68	ng		
56) 2,4-Dinitrotoluene	9.98	165	360309	55.26	ng		86
57) Fluorene	10.31	166	1054662	50.12	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	249067	52.84	ng		96
59) Diethylphthalate	10.18	149	1128466	48.81	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	482704	51.17	ng	#	83
61) 4-Nitroaniline	10.36	138	258334	39.61	ng		95
62) Azobenzene	10.46	77	1493319	56.85	ng		96
64) 4,6-Dinitro-2-methylphenol	10.39	198	176325	42.11	ng	#	62
65) n-Nitrosodiphenylamine	10.42	169	924700	42.85	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	289574	42.37	ng	#	80
67) Hexachlorobenzene	10.86	284	283247	43.41	ng		96
68) Atrazine	10.95	200	286805	45.41	ng		98
69) Pentachlorophenol	11.06	266	180313	80.03	ng		97
70) Phenanthrene	11.27	178	1552876	42.10	ng		99
71) Anthracene	11.32	178	1477648	39.60	ng		100
72) Carbazole	11.49	167	1447940	41.31	ng		97
73) Di-n-butylphthalate	11.81	149	1789940	44.14	ng	#	96
74) Fluoranthene	12.45	202	1443471	40.51	ng		97
76) Benzidine	12.59	184	387739	25.35	ng		96
77) Pyrene	12.68	202	1440834	42.59	ng		100
79) Butylbenzylphthalate	13.29	149	710316	49.88	ng		100
80) Benzo(a)anthracene	13.87	228	1166347	42.46	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	284127	29.53	ng		96
82) Chrysene	13.91	228	1139644	44.84	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	1020152	51.40	ng	#	97
84) Di-n-octyl phthalate	14.46	149	1498148	45.29	ng		95
85) Indeno(1,2,3-cd)pyrene	16.62	276	847252	39.83	ng	#	94
87) Benzo(b)fluoranthene	14.88	252	1259931m	58.90	ng		
88) Benzo(k)fluoranthene	14.92	252	626938m	30.39	ng		
89) Benzo(a)pyrene	15.23	252	887065	45.38	ng		97
90) Dibenzo(a,h)anthracene	16.62	278	707071	43.72	ng		96
91) Benzo(g,h,i)perylene	17.02	276	744458	44.85	ng	#	92

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

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