Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093032.D
Acq On : 20 Feb 2017 17:03
Operator : SJ/MA
Sample : PB97057BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97057BS

Manual Integrations APPROVED
mohammad
2/21/2017 3:57:26 PM

Quant Time: Feb 20 17:43:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	150990	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	601920	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	297469	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	559279	20.00	ng		0.00
75) Chrysene-d12	14.01	240	453539	20.00	ng		-0.01
86) Perylene-d12	15.44	264	403510	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1105102	125.57	ng		0.00
7) Phenol-d6	6.49	99	1473742	130.14	ng		0.00
23) Nitrobenzene-d5	7.42	82	956139	88.46	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	325945	151.50	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	1508813	91.89	ng		0.00
78) Terphenyl-d14	12.96	244	1415064	73.31	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	165373	34.78	ng	#	85
3) Pyridine	3.18	79	486526	40.23	ng		86
4) n-Nitrosodimethylamine	3.14	42	246783	43.46	ng		86
6) Aniline	6.51	93	419767	27.18	ng	#	65
8) 2-Chlorophenol	6.64	128	447813	46.12	ng		92
9) Benzaldehyde	6.40	77	90537	11.16	ng		96
10) Phenol	6.50	94	484189	36.55	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	459635	43.46	ng		96
12) 1,3-Dichlorobenzene	6.78	146	469168m	41.26	ng		
13) 1,4-Dichlorobenzene	6.86	146	490737	42.64	ng		96
14) 1,2-Dichlorobenzene	7.02	146	431699m	39.22	ng		
15) Benzyl Alcohol	6.99	79	363776	43.39	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	783342	42.64	ng		95
17) 2-Methylphenol	7.12	107	383600	46.05	ng		96
18) Hexachloroethane	7.36	117	162769	41.43	ng	#	86
19) n-Nitroso-di-n-propylamine	7.26	70	295455	40.99	ng		95
20) 3+4-Methylphenols	7.26	107	441327	44.31	ng	#	74
22) Acetophenone	7.26	105	565950	41.18	ng	#	93
24) Nitrobenzene	7.44	77	451695	40.70	ng		97
25) Isophorone	7.68	82	859643	42.68	ng		96
26) 2-Nitrophenol	7.76	139	249255	47.24	ng		95
27) 2,4-Dimethylphenol	7.80	122	432452	46.67	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	586160	43.94	ng		100
29) 2,4-Dichlorophenol	8.00	162	367083	42.48	ng		87
30) 1,2,4-Trichlorobenzene	8.08	180	382453	41.07	ng	#	94
31) Naphthalene	8.16	128	1179835	38.67	ng		99
32) Benzoic acid	7.94	122	231898	44.74	ng		91
33) 4-Chloroaniline	8.21	127	247417	20.68	ng		99
34) Hexachlorobutadiene	8.28	225	204982	40.01	ng		98
35) Caprolactam	8.59	113	130403m	47.97	ng		
36) 4-Chloro-3-methylphenol	8.70	107	386919	42.95	ng		100
37) 2-Methylnaphthalene	8.85	142	816208	41.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	381181	45.65	ng		100
40) Hexachlorocyclopentadiene	9.00	237	308793	81.96	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	280698	51.16	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	280466	46.65	ng	#	87
45) 1,1'-Biphenyl	9.32	154	1035121	48.06	ng		99
46) 2-Chloronaphthalene	9.34	162	818237	48.56	ng		98
47) 2-Nitroaniline	9.45	65	285846	50.46	ng	#	80
48) Acenaphthylene	9.76	152	1201372	41.27	ng		99
49) Dimethylphthalate	9.62	163	943457	47.09	ng		98
50) 2,6-Dinitrotoluene	9.69	165	224202	51.81	ng		94
51) Acenaphthene	9.93	154	711575	40.89	ng		96
52) 3-Nitroaniline	9.86	138	142591	28.79	ng	#	73
53) 2,4-Dinitrophenol	9.97	184	239004	106.89	ng		94
54) Dibenzofuran	10.10	168	1039974	44.68	ng		97
55) 4-Nitrophenol	10.03	139	316300	88.68	ng		93
56) 2,4-Dinitrotoluene	10.09	165	256962	44.61	ng		91
57) Fluorene	10.44	166	814752	45.50	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	221401	55.21	ng		97
59) Diethylphthalate	10.32	149	870108	46.08	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	358164	41.63	ng		96
61) 4-Nitroaniline	10.48	138	250247	49.34	ng		81
62) Azobenzene	10.59	77	987609	50.63	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	159496	46.92	ng	#	55
65) n-Nitrosodiphenylamine	10.56	169	760355	42.56	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	231283	39.58	ng		98
67) Hexachlorobenzene	10.99	284	239650	41.50	ng		97
68) Atrazine	11.08	200	221280	38.59	ng		99
69) Pentachlorophenol	11.18	266	253162	84.49	ng		97
70) Phenanthrene	11.40	178	1249629	39.00	ng		98
71) Anthracene	11.46	178	1362047	42.33	ng		98
72) Carbazole	11.61	167	1108944	36.05	ng		99
73) Di-n-butylphthalate	11.94	149	1520628	45.71	ng	#	97
74) Fluoranthene	12.59	202	1419906	42.96	ng		93
76) Benzidine	12.70	184	377777	19.55	ng		97
77) Pyrene	12.82	202	1440543	42.44	ng		99
79) Butylbenzylphthalate	13.44	149	683133	49.56	ng	#	73
80) Benzo(a)anthracene	14.00	228	1135313	40.93	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	269317	27.24	ng	#	96
82) Chrysene	14.04	228	1161812	44.73	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	855288	45.37	ng		99
84) Di-n-octyl phthalate	14.60	149	1545672	50.36	ng		100
85) Indeno(1,2,3-cd)pyrene	16.84	276	887700	44.13	ng		94
87) Benzo(b)fluoranthene	15.04	252	1253606m	47.20	ng		
88) Benzo(k)fluoranthene	15.06	252	789735m	34.44	ng		
89) Benzo(a)pyrene	15.38	252	974336	42.41	ng		97
90) Dibenzo(a,h)anthracene	16.85	278	743889	40.06	ng	#	95
91) Benzo(g,h,i)perylene	17.27	276	732427	39.05	ng	#	90

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

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