Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
Data File : BF093034.D
Acq On : 20 Feb 2017 17:58
Operator : SJ/MA
Sample : PB97034BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Manual Integrations APPROVED
mohammad
2/21/2017 3:57:29 PM

Quant Time: Feb 20 23:53:38 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	154558	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	611224	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	298573	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	538448	20.00	ng		0.00
75) Chrysene-d12	14.01	240	410286	20.00	ng		-0.01
86) Perylene-d12	15.44	264	297905	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1195604	132.71	ng		0.00
7) Phenol-d6	6.49	99	1617725	139.56	ng		0.00
23) Nitrobenzene-d5	7.42	82	1026972	93.57	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	315829	146.25	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1644358	99.78	ng		0.00
78) Terphenyl-d14	12.96	244	1327624	76.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	175155	35.98	ng	#	83
3) Pyridine	3.20	79	528879	42.73	ng	#	77
4) n-Nitrosodimethylamine	3.16	42	247353	42.56	ng		87
6) Aniline	6.51	93	366936	23.21	ng	#	81
8) 2-Chlorophenol	6.64	128	475886	47.88	ng		95
9) Benzaldehyde	6.40	77	82491	9.93	ng		98
10) Phenol	6.51	94	522133	38.50	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	476338	44.00	ng		99
12) 1,3-Dichlorobenzene	6.78	146	502443	43.16	ng	#	93
13) 1,4-Dichlorobenzene	6.86	146	530846	45.06	ng		96
14) 1,2-Dichlorobenzene	7.01	146	453951	40.29	ng		95
15) Benzyl Alcohol	6.99	79	380697	44.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	812664	43.21	ng		95
17) 2-Methylphenol	7.12	107	411602	48.27	ng		97
18) Hexachloroethane	7.36	117	171395	42.61	ng	#	89
19) n-Nitroso-di-n-propylamine	7.26	70	320954	43.50	ng		95
20) 3+4-Methylphenols	7.26	107	470422	46.15	ng	#	70
22) Acetophenone	7.26	105	598601	42.89	ng	#	92
24) Nitrobenzene	7.44	77	483108	42.86	ng		97
25) Isophorone	7.68	82	928905	45.42	ng		96
26) 2-Nitrophenol	7.76	139	264660	49.40	ng		95
27) 2,4-Dimethylphenol	7.80	122	463859	49.30	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	620449	45.80	ng		100
29) 2,4-Dichlorophenol	8.00	162	381871	43.52	ng		87
30) 1,2,4-Trichlorobenzene	8.08	180	403912	42.71	ng	#	96
31) Naphthalene	8.16	128	1261367	40.71	ng		99
32) Benzoic acid	7.94	122	208957	40.51	ng		99
33) 4-Chloroaniline	8.21	127	138218	11.37	ng		98
34) Hexachlorobutadiene	8.28	225	219865	42.26	ng		99
35) Caprolactam	8.59	113	132378m	47.96	ng		
36) 4-Chloro-3-methylphenol	8.70	107	409374	44.75	ng		99
37) 2-Methylnaphthalene	8.85	142	905260	45.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	395422	47.18	ng		99
40) Hexachlorocyclopentadiene	9.00	237	336376	88.96	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	296755	53.89	ng		94
43) 2,4,5-Trichlorophenol	9.18	196	289595	47.99	ng	#	86
45) 1,1'-Biphenyl	9.32	154	1088376	50.34	ng		100
46) 2-Chloronaphthalene	9.34	162	889085	52.57	ng		99
47) 2-Nitroaniline	9.45	65	274783	48.32	ng	#	64
48) Acenaphthylene	9.76	152	1297887	44.42	ng		99
49) Dimethylphthalate	9.62	163	948411	47.16	ng		98
50) 2,6-Dinitrotoluene	9.69	165	242446	55.82	ng		95
51) Acenaphthene	9.93	154	759427	43.47	ng		97
52) 3-Nitroaniline	9.85	138	98559	19.83	ng		92
53) 2,4-Dinitrophenol	9.96	184	227707	101.70	ng	#	58
54) Dibenzofuran	10.10	168	1077681	46.13	ng		97
55) 4-Nitrophenol	10.03	139	341579	95.42	ng		91
56) 2,4-Dinitrotoluene	10.09	165	256498	44.36	ng		93
57) Fluorene	10.44	166	872745	48.55	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	228554	56.78	ng		93
59) Diethylphthalate	10.32	149	895498	47.25	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	376898	43.65	ng		92
61) 4-Nitroaniline	10.46	138	235254	46.21	ng		93
62) Azobenzene	10.59	77	1013412	51.76	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	165021	50.22	ng	#	64
65) n-Nitrosodiphenylamine	10.56	169	803316	46.70	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	247931	44.07	ng		95
67) Hexachlorobenzene	10.99	284	257152	46.26	ng		100
68) Atrazine	11.08	200	240528	43.57	ng		99
69) Pentachlorophenol	11.18	266	258948	89.31	ng		98
70) Phenanthrene	11.40	178	1338365	43.38	ng		99
71) Anthracene	11.45	178	1302526	42.05	ng		100
72) Carbazole	11.61	167	1130346	38.17	ng		99
73) Di-n-butylphthalate	11.94	149	1602551	50.04	ng	#	96
74) Fluoranthene	12.59	202	1322308	41.56	ng		91
76) Benzidine	12.71	184	268425	15.35	ng		96
77) Pyrene	12.82	202	1342951	43.74	ng		98
79) Butylbenzylphthalate	13.43	149	590815	47.38	ng		97
80) Benzo(a)anthracene	14.00	228	1026308	40.90	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	195288	21.83	ng	#	95
82) Chrysene	14.04	228	987345	42.02	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	786996	46.15	ng		98
84) Di-n-octyl phthalate	14.59	149	1342836	48.36	ng		100
85) Indeno(1,2,3-cd)pyrene	16.84	276	744443	40.91	ng	#	94
87) Benzo(b)fluoranthene	15.03	252	824069m	42.03	ng		
88) Benzo(k)fluoranthene	15.06	252	861624m	50.89	ng		
89) Benzo(a)pyrene	15.38	252	760150	44.82	ng		98
90) Dibenzo(a,h)anthracene	16.85	278	627222	45.76	ng		99
91) Benzo(g,h,i)perylene	17.27	276	641382	46.32	ng	#	93

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

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