Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092617\
Data File : BF098839.D
Acq On : 26 Sep 2017 18:26
Operator : SJ/JU
Sample : PB102610BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102610BSD

Manual Integrations APPROVED
Sohil
9/27/2017 12:45:01 PM

Quant Time: Sep 27 08:35:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	135535	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	564442	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	250177	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	412010	20.00	ng		0.00
75) Chrysene-d12	14.08	240	257973	20.00	ng		0.00
86) Perylene-d12	15.57	264	252136	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	741839	87.13	ng		0.00
7) Phenol-d6	6.54	99	883217	84.09	ng		0.00
23) Nitrobenzene-d5	7.48	82	770133	87.50	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	176454	86.20	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1399408	93.38	ng		0.00
78) Terphenyl-d14	13.02	244	970444	85.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	135801	33.391	ng		98
3) Pyridine	3.55	79	409979	37.264	ng		98
4) n-Nitrosodimethylamine	3.50	42	178882	38.342	ng		92
6) Aniline	6.58	93	387358	27.326	ng		98
8) 2-Chlorophenol	6.70	128	389869	40.435	ng		94
9) Benzaldehyde	6.46	77	86489	14.196	ng		98
10) Phenol	6.56	94	497371	42.343	ng		95
11) bis(2-Chloroethyl)ether	6.65	93	369177	40.428	ng		98
12) 1,3-Dichlorobenzene	6.86	146	404939	40.102	ng		98
13) 1,4-Dichlorobenzene	6.93	146	405359	39.456	ng		99
14) 1,2-Dichlorobenzene	7.09	146	381405	40.178	ng		99
15) Benzyl Alcohol	7.06	79	327606	42.518	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	573013	40.276	ng		98
17) 2-Methylphenol	7.16	107	328175	41.598	ng		97
18) Hexachloroethane	7.43	117	127496	34.526	ng		96
19) n-Nitroso-di-n-propylamine	7.33	70	258625	38.568	ng		97
20) 3+4-Methylphenols	7.32	107	403007	40.380	ng	#	85
22) Acetophenone	7.32	105	518248	37.896	ng	#	98
24) Nitrobenzene	7.50	77	395378	39.600	ng		97
25) Isophorone	7.73	82	714627	39.271	ng		99
26) 2-Nitrophenol	7.81	139	194724	40.558	ng		97
27) 2,4-Dimethylphenol	7.85	122	362298	39.958	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	464986	41.003	ng		100
29) 2,4-Dichlorophenol	8.05	162	320026	41.109	ng		100
30) 1,2,4-Trichlorobenzene	8.14	180	317878	40.827	ng		98
31) Naphthalene	8.22	128	1071860	40.433	ng		100
32) Benzoic acid	7.96	122	211316	28.372	ng		99
33) 4-Chloroaniline	8.26	127	236305	21.346	ng		99
34) Hexachlorobutadiene	8.33	225	159832	39.855	ng		99
35) Caprolactam	8.64	113	106628m	42.700	ng		
36) 4-Chloro-3-methylphenol	8.75	107	343550	39.263	ng		95
37) 2-Methylnaphthalene	8.91	142	745385	43.252	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	292133	39.155	ng		99
40) Hexachlorocyclopentadiene	9.06	237	71839	21.069	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	215500	40.771	ng		100
43) 2,4,5-Trichlorophenol	9.23	196	226108	42.853	ng		96
45) 1,1'-Biphenyl	9.37	154	848939	39.483	ng		99
46) 2-Chloronaphthalene	9.40	162	668070	41.383	ng		97
47) 2-Nitroaniline	9.49	65	213163	43.123	ng		98
48) Acenaphthylene	9.82	152	1015556	41.094	ng		100
49) Dimethylphthalate	9.67	163	807693	42.776	ng		100
50) 2,6-Dinitrotoluene	9.73	165	173799	42.279	ng		100
51) Acenaphthene	9.99	154	600118	38.335	ng		99
52) 3-Nitroaniline	9.90	138	139918	29.191	ng		97
53) 2,4-Dinitrophenol	10.00	184	12469	11.230	ng	#	69
54) Dibenzofuran	10.16	168	918022	44.044	ng		99
55) 4-Nitrophenol	10.06	139	301145	74.303	ng		93
56) 2,4-Dinitrotoluene	10.14	165	223377	41.870	ng		95
57) Fluorene	10.50	166	690961	41.244	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	158617	43.518	ng		98
59) Diethylphthalate	10.37	149	789345	42.782	ng		100
60) 4-Chlorophenyl-phenylether	10.49	204	318536	42.328	ng		98
61) 4-Nitroaniline	10.52	138	168021	36.335	ng		95
62) Azobenzene	10.65	77	744200	43.868	ng		99
64) 4,6-Dinitro-2-methylphenol	10.54	198	12426	4.957	ng		88
65) n-Nitrosodiphenylamine	10.61	169	638420	44.728	ng		100
66) 4-Bromophenyl-phenylether	10.99	248	182856	45.341	ng		91
67) Hexachlorobenzene	11.05	284	179059	41.571	ng		99
68) Atrazine	11.14	200	191222	44.528	ng		99
69) Pentachlorophenol	11.24	266	175249	65.374	ng		98
70) Phenanthrene	11.47	178	944304	42.818	ng		99
71) Anthracene	11.52	178	976239	43.263	ng		99
72) Carbazole	11.67	167	893439	40.432	ng		99
73) Di-n-butylphthalate	12.00	149	1213419	45.621	ng		98
74) Fluoranthene	12.66	202	850309	38.076	ng		98
76) Benzidine	12.77	184	612117	64.153	ng		98
77) Pyrene	12.89	202	838257	42.613	ng		99
79) Butylbenzylphthalate	13.49	149	443697	47.993	ng		99
80) Benzo(a)anthracene	14.07	228	666410	42.661	ng		99
81) 3,3'-Dichlorobenzidine	14.03	252	243773	42.570	ng		96
82) Chrysene	14.11	228	621736	41.806	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	628685	49.386	ng		99
84) Di-n-octyl phthalate	14.66	149	1021608	49.839	ng		98
85) Indeno(1,2,3-cd)pyrene	17.08	276	525890	44.205	ng		96
87) Benzo(b)fluoranthene	15.13	252	650954	41.991	ng		97
88) Benzo(k)fluoranthene	15.16	252	642905	41.988	ng		98
89) Benzo(a)pyrene	15.51	252	618118	43.438	ng		98
90) Dibenzo(a,h)anthracene	17.10	278	453031	39.781	ng		97
91) Benzo(g,h,i)perylene	17.54	276	399022	35.446	ng		95

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

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