Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
Data File : BF098870.D
Acq On : 27 Sep 2017 18:41
Operator : SJ/JU
Sample : PB102662BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102662BS

Manual Integrations APPROVED
Sohil
9/28/2017 2:32:19 PM

Quant Time: Sep 28 04:00:15 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	139857	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	580888	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	271285	20.00	ng		-0.01
63) Phenanthrene-d10	11.44	188	506788	20.00	ng		0.00
75) Chrysene-d12	14.09	240	444458	20.00	ng		0.00
86) Perylene-d12	15.57	264	414413	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	740120	84.24	ng		0.00
7) Phenol-d6	6.54	99	892728	82.37	ng		0.00
23) Nitrobenzene-d5	7.48	82	771719	85.20	ng		0.00
41) 2,4,6-Tribromophenol	10.75	330	207844	93.63	ng		0.00
44) 2-Fluorobiphenyl	9.27	172	1429174	87.95	ng		0.00
78) Terphenyl-d14	13.03	244	1356777	69.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	137169	32.685	ng		98
3) Pyridine	3.55	79	392477	34.570	ng		98
4) n-Nitrosodimethylamine	3.50	42	192024	39.887	ng		97
6) Aniline	6.57	93	384866	26.311	ng		98
8) 2-Chlorophenol	6.70	128	383839	38.580	ng		99
9) Benzaldehyde	6.46	77	85787	13.646	ng		98
10) Phenol	6.55	94	467821	38.596	ng		98
11) bis(2-Chloroethyl)ether	6.65	93	359792	38.183	ng		95
12) 1,3-Dichlorobenzene	6.86	146	396720	38.074	ng		98
13) 1,4-Dichlorobenzene	6.93	146	400850	37.811	ng		98
14) 1,2-Dichlorobenzene	7.09	146	374733	38.255	ng		99
15) Benzyl Alcohol	7.05	79	324118	40.765	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	552919	37.662	ng		98
17) 2-Methylphenol	7.16	107	325677	40.006	ng		97
18) Hexachloroethane	7.43	117	142017	37.270	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	255599	36.939	ng		97
20) 3+4-Methylphenols	7.31	107	401548	38.990	ng		93
22) Acetophenone	7.32	105	512681	36.428	ng	#	98
24) Nitrobenzene	7.50	77	388461	37.806	ng		94
25) Isophorone	7.73	82	710878	37.959	ng		100
26) 2-Nitrophenol	7.81	139	209031	42.305	ng		95
27) 2,4-Dimethylphenol	7.85	122	362561	38.855	ng		96
28) bis(2-Chloroethoxy)methane	7.94	93	458718	39.305	ng		99
29) 2,4-Dichlorophenol	8.05	162	321383	40.115	ng		97
30) 1,2,4-Trichlorobenzene	8.13	180	315505	39.375	ng		99
31) Naphthalene	8.22	128	1071375	39.270	ng		99
32) Benzoic acid	7.96	122	216167	28.202	ng		94
33) 4-Chloroaniline	8.26	127	262597	23.049	ng		97
34) Hexachlorobutadiene	8.33	225	158825	38.483	ng		99
35) Caprolactam	8.63	113	122647m	47.724	ng		
36) 4-Chloro-3-methylphenol	8.75	107	352495	39.145	ng		95
37) 2-Methylnaphthalene	8.91	142	747842	42.166	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	288026	35.601	ng		100
40) Hexachlorocyclopentadiene	9.06	237	309735	83.772	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	226528	39.523	ng	99
43) 2,4,5-Trichlorophenol	9.23	196	232288	40.599	ng	95
45) 1,1'-Biphenyl	9.37	154	866091	37.147	ng	99
46) 2-Chloronaphthalene	9.40	162	684320	39.091	ng	98
47) 2-Nitroaniline	9.49	65	224370	41.858	ng	99
48) Acenaphthylene	9.82	152	1068753	39.882	ng	100
49) Dimethylphthalate	9.67	163	823466	40.218	ng	99
50) 2,6-Dinitrotoluene	9.73	165	188203	42.221	ng	98
51) Acenaphthene	9.99	154	676701	39.864	ng	100
52) 3-Nitroaniline	9.90	138	147001	28.283	ng	96
53) 2,4-Dinitrophenol	10.01	184	89760	41.687	ng	97
54) Dibenzofuran	10.16	168	963912	42.647	ng	99
55) 4-Nitrophenol	10.06	139	372098	84.666	ng	95
56) 2,4-Dinitrotoluene	10.14	165	261044	45.123	ng	93
57) Fluorene	10.50	166	737160	40.578	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.27	232	180465	45.660	ng	99
59) Diethylphthalate	10.37	149	816428	40.807	ng	99
60) 4-Chlorophenyl-phenylether	10.49	204	330530	40.504	ng	96
61) 4-Nitroaniline	10.52	138	216949	43.265	ng	92
62) Azobenzene	10.65	77	775655	42.164	ng	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	90046	29.203	ng	89
65) n-Nitrosodiphenylamine	10.61	169	682863	38.895	ng	98
66) 4-Bromophenyl-phenylether	10.98	248	195889	39.489	ng	99
67) Hexachlorobenzene	11.05	284	200616	37.865	ng	95
68) Atrazine	11.14	200	221292	41.894	ng	98
69) Pentachlorophenol	11.25	266	231012	70.060	ng	99
70) Phenanthrene	11.47	178	1102651	40.648	ng	99
71) Anthracene	11.52	178	1147392	41.338	ng	99
72) Carbazole	11.67	167	1128832	41.531	ng	99
73) Di-n-butylphthalate	11.99	149	1320625	40.366	ng	100
74) Fluoranthene	12.66	202	1214139	44.200	ng	99
76) Benzidine	12.77	184	506775	30.828	ng	97
77) Pyrene	12.89	202	1274132	37.594	ng	99
79) Butylbenzylphthalate	13.50	149	623829	39.165	ng	92
80) Benzo(a)anthracene	14.07	228	1098218	40.806	ng	99
81) 3,3'-Dichlorobenzidine	14.03	252	272015	27.571	ng	99
82) Chrysene	14.11	228	1034326	40.368	ng	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	833568	38.006	ng	99
84) Di-n-octyl phthalate	14.66	149	1407675	39.860	ng	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	969444	47.298	ng	96
87) Benzo(b)fluoranthene	15.13	252	1047468m	41.110	ng	
88) Benzo(k)fluoranthene	15.17	252	925912	36.791	ng	99
89) Benzo(a)pyrene	15.52	252	950798	40.652	ng	97
90) Dibenzo(a,h)anthracene	17.11	278	797662	42.615	ng	98
91) Benzo(g,h,i)perylene	17.55	276	809292	43.740	ng	96

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

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