Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040418\
Data File : BF104228.D
Acq On : 4 Apr 2018 16:36
Operator : JU/SJ
Sample : PB107929BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB107929BS

Manual Integrations APPROVED
Sohil
4/5/2018 4:38:46 PM

Quant Time: Apr 04 18:23:12 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:06:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	109596	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	471052	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	231790	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	450607	20.00	ng		0.00
75) Chrysene-d12	14.14	240	351745	20.00	ng		0.00
86) Perylene-d12	15.67	264	275404	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	779702	113.46	ng		0.00
7) Phenol-d6	6.60	99	985761	116.59	ng		0.00
23) Nitrobenzene-d5	7.52	82	608942	79.06	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	311659	120.75	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	1249868	85.03	ng		0.00
78) Terphenyl-d14	13.07	244	1336102	87.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	91956	31.025	ng	#	86
3) Pyridine	3.69	79	251720m	33.547	ng		
4) n-Nitrosodimethylamine	3.66	42	85186m	38.194	ng		
6) Aniline	6.64	93	148517	14.673	ng	#	68
8) 2-Chlorophenol	6.75	128	309711	41.084	ng		96
9) Benzaldehyde	6.53	77	49334	8.655	ng		95
10) Phenol	6.62	94	398751	42.564	ng		95
11) bis(2-Chloroethyl)ether	6.69	93	319315	39.555	ng		91
12) 1,3-Dichlorobenzene	6.89	146	305716	36.077	ng		98
13) 1,4-Dichlorobenzene	6.97	146	352275	38.797	ng		98
14) 1,2-Dichlorobenzene	7.12	146	319111	39.101	ng		99
15) Benzyl Alcohol	7.10	79	203533	37.024	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	343794	39.090	ng	#	37
17) 2-Methylphenol	7.21	107	236963	38.621	ng	#	79
18) Hexachloroethane	7.45	117	118656	39.030	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	212139	42.278	ng		89
20) 3+4-Methylphenols	7.37	107	298340	38.099	ng	#	61
22) Acetophenone	7.36	105	434929	38.162	ng		98
24) Nitrobenzene	7.54	77	273846	33.790	ng		96
25) Isophorone	7.76	82	592785	41.760	ng		99
26) 2-Nitrophenol	7.85	139	169612	40.094	ng		93
27) 2,4-Dimethylphenol	7.89	122	262723	43.062	ng		98
28) bis(2-Chloroethoxy)methane	7.97	93	365365	41.067	ng		99
29) 2,4-Dichlorophenol	8.10	162	261227	40.992	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	270549	37.418	ng		99
31) Naphthalene	8.25	128	939229	40.814	ng		100
32) Benzoic acid	8.03	122	125382	28.053	ng		91
33) 4-Chloroaniline	8.33	127	77699	8.009	ng		95
34) Hexachlorobutadiene	8.36	225	144081	36.619	ng		98
35) Caprolactam	8.68	113	91723m	45.393	ng		
36) 4-Chloro-3-methylphenol	8.80	107	285434	42.347	ng		96
37) 2-Methylnaphthalene	8.95	142	601413	39.675	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	275198	38.717	ng		99
40) Hexachlorocyclopentadiene	9.09	237	182485	56.257	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	164604	36.572	ng		97
43) 2,4,5-Trichlorophenol	9.28	196	194089	35.715	ng		96
45) 1,1'-Biphenyl	9.41	154	762751	38.341	ng		98
46) 2-Chloronaphthalene	9.44	162	603585	38.463	ng		98
47) 2-Nitroaniline	9.55	65	168502	37.657	ng		89
48) Acenaphthylene	9.85	152	874969	36.804	ng		99
49) Dimethylphthalate	9.70	163	694477	37.948	ng		100
50) 2,6-Dinitrotoluene	9.78	165	156564	39.765	ng		92
51) Acenaphthene	10.02	154	502235	36.519	ng		99
52) 3-Nitroaniline	9.97	138	73180	16.169	ng		99
53) 2,4-Dinitrophenol	10.08	184	63578	39.985	ng	#	35
54) Dibenzofuran	10.20	168	772181	38.449	ng		95
55) 4-Nitrophenol	10.15	139	140607	51.812	ng		95
56) 2,4-Dinitrotoluene	10.19	165	197420	39.295	ng	#	95
57) Fluorene	10.55	166	646498	39.024	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.32	232	184209	45.243	ng	#	83
59) Diethylphthalate	10.40	149	678453	38.699	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	308096	40.492	ng		96
61) 4-Nitroaniline	10.60	138	157025	37.078	ng		94
62) Azobenzene	10.69	77	626092	39.494	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	74679	27.379	ng		89
65) n-Nitrosodiphenylamine	10.66	169	571110	37.424	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	191439	39.711	ng		91
67) Hexachlorobenzene	11.09	284	205525	37.062	ng	#	84
68) Atrazine	11.18	200	187494	40.104	ng		96
69) Pentachlorophenol	11.29	266	179837	58.933	ng		96
70) Phenanthrene	11.51	178	913194	37.432	ng		99
71) Anthracene	11.56	178	1072508	42.088	ng		98
72) Carbazole	11.73	167	950347	39.074	ng		99
73) Di-n-butylphthalate	12.03	149	1090903	37.656	ng		99
74) Fluoranthene	12.70	202	1039558	40.088	ng		98
76) Benzidine	12.84	184	287205	28.652	ng		98
77) Pyrene	12.94	202	1010097	39.948	ng		99
79) Butylbenzylphthalate	13.53	149	464220	38.969	ng		99
80) Benzo(a)anthracene	14.13	228	821476	37.324	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	135454	18.593	ng		96
82) Chrysene	14.17	228	910433	42.234	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	624036	40.543	ng		99
84) Di-n-octyl phthalate	14.70	149	1001643	37.831	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.27	276	592901	26.542	ng		96
87) Benzo(b)fluoranthene	15.22	252	640320	38.203	ng		98
88) Benzo(k)fluoranthene	15.25	252	784060	49.659	ng		99
89) Benzo(a)pyrene	15.61	252	642678	41.377	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	497291	34.629	ng		97
91) Benzo(g,h,i)perylene	17.74	276	481114	33.448	ng		95

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

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