Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097242.D
Acq On : 1 Aug 2017 20:10
Operator : SJ/JU
Sample : PB101139BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB101139BS

Manual Integrations APPROVED
Sohil
8/2/2017 7:15:24 PM

Quant Time: Aug 02 05:22:32 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	103689	20.00	ng		-0.04
21) Naphthalene-d8	7.75	136	458056	20.00	ng		-0.04
38) Acenaphthene-d10	9.49	164	164001	20.00	ng		-0.04
63) Phenanthrene-d10	10.97	188	216388	20.00	ng		-0.04
75) Chrysene-d12	13.59	240	165658	20.00	ng		-0.04
86) Perylene-d12	14.94	264	154703	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	839461	122.05	ng		-0.01
7) Phenol-d6	6.15	99	968780	123.37	ng		-0.02
23) Nitrobenzene-d5	7.04	82	580651	74.36	ng		-0.04
41) 2,4,6-Tribromophenol	10.29	330	134170	103.54	ng		-0.04
44) 2-Fluorobiphenyl	8.83	172	911870	94.36	ng		-0.04
78) Terphenyl-d14	12.55	244	557954	68.67	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.06	88	114732	39.971	ng	#	71
3) Pyridine	2.66	79	330204	37.569	ng	#	61
4) n-Nitrosodimethylamine	2.62	42	194359	39.915	ng		83
6) Aniline	6.13	93	142107	14.381	ng	#	79
8) 2-Chlorophenol	6.26	128	290906	39.553	ng		97
9) Benzaldehyde	6.01	77	199552	42.934	ng		99
10) Phenol	6.16	94	359061	38.550	ng		95
11) bis(2-Chloroethyl)ether	6.21	93	322616	43.794	ng		88
12) 1,3-Dichlorobenzene	6.40	146	301957	38.097	ng		98
13) 1,4-Dichlorobenzene	6.48	146	325420	41.429	ng		96
14) 1,2-Dichlorobenzene	6.64	146	280624	40.917	ng		97
15) Benzyl Alcohol	6.63	79	219064	44.064	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.76	45	614636	41.599	ng		60
17) 2-Methylphenol	6.76	107	230805	40.661	ng	#	89
18) Hexachloroethane	6.97	117	107087	37.265	ng	#	82
19) n-Nitroso-di-n-propylamine	6.90	70	214686	41.536	ng	#	82
20) 3+4-Methylphenols	6.92	107	323754	43.670	ng	#	62
22) Acetophenone	6.89	105	394861	35.896	ng		97
24) Nitrobenzene	7.06	77	296327	36.440	ng		92
25) Isophorone	7.30	82	502191	32.842	ng		97
26) 2-Nitrophenol	7.37	139	140719	31.985	ng	#	87
27) 2,4-Dimethylphenol	7.43	122	258912	35.675	ng		98
28) bis(2-Chloroethoxy)methane	7.52	93	375405	37.620	ng		99
29) 2,4-Dichlorophenol	7.63	162	253715	40.580	ng		95
30) 1,2,4-Trichlorobenzene	7.70	180	236408	39.670	ng		98
31) Naphthalene	7.77	128	885487	41.009	ng		100
32) Benzoic acid	7.59	122	146162	26.971	ng		97
33) 4-Chloroaniline	7.83	127	71631	8.153	ng		97
34) Hexachlorobutadiene	7.89	225	120536	38.152	ng		97
35) Caprolactam	8.20	113	82717	41.259	ng	#	54
36) 4-Chloro-3-methylphenol	8.35	107	250694	36.753	ng		91
37) 2-Methylnaphthalene	8.46	142	546270	39.958	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	194395	44.423	ng		99
40) Hexachlorocyclopentadiene	8.62	237	19438	18.248	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	124865	39.375	ng		98
43) 2,4,5-Trichlorophenol	8.80	196	126624	39.893	ng		97
45) 1,1'-Biphenyl	8.93	154	528761	37.747	ng		98
46) 2-Chloronaphthalene	8.95	162	399527	38.758	ng	#	92
47) 2-Nitroaniline	9.06	65	148514	39.699	ng		93
48) Acenaphthylene	9.36	152	637451	40.288	ng		98
49) Dimethylphthalate	9.23	163	532014	42.718	ng		100
50) 2,6-Dinitrotoluene	9.30	165	105533	39.953	ng	#	83
51) Acenaphthene	9.53	154	366079	39.279	ng		97
52) 3-Nitroaniline	9.46	138	63056	19.233	ng	#	90
53) 2,4-Dinitrophenol	9.59	184	16228	13.512	ng	#	72
54) Dibenzofuran	9.70	168	528110	42.542	ng		97
55) 4-Nitrophenol	9.66	139	114844	58.902	ng	#	61
56) 2,4-Dinitrotoluene	9.70	165	114608	37.743	ng	#	58
57) Fluorene	10.04	166	366001	39.227	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.83	232	80988	36.954	ng	#	98
59) Diethylphthalate	9.93	149	453658	39.705	ng		98
60) 4-Chlorophenyl-phenylether	10.04	204	158256	41.075	ng		93
61) 4-Nitroaniline	10.07	138	90577	29.075	ng		94
62) Azobenzene	10.20	77	403913	38.107	ng		91
64) 4,6-Dinitro-2-methylphenol	10.12	198	15319	11.393	ng	#	81
65) n-Nitrosodiphenylamine	10.16	169	346876	46.072	ng		97
66) 4-Bromophenyl-phenylether	10.52	248	105505	48.857	ng		98
67) Hexachlorobenzene	10.59	284	101212	41.795	ng	#	91
68) Atrazine	10.69	200	95254	44.120	ng		94
69) Pentachlorophenol	10.79	266	70294	70.156	ng		96
70) Phenanthrene	10.99	178	518806	44.747	ng		100
71) Anthracene	11.04	178	513111	43.210	ng		98
72) Carbazole	11.20	167	519066	44.445	ng		99
73) Di-n-butylphthalate	11.54	149	643859	44.600	ng		98
74) Fluoranthene	12.17	202	486899	42.867	ng		99
76) Benzidine	12.30	184	322991	52.547	ng	#	91
77) Pyrene	12.40	202	506412	37.341	ng		99
79) Butylbenzylphthalate	13.03	149	260402	37.747	ng	#	86
80) Benzo(a)anthracene	13.58	228	431961	40.299	ng		100
81) 3,3'-Dichlorobenzidine	13.55	252	153608	38.002	ng	#	97
82) Chrysene	13.62	228	419027	40.035	ng		100
83) Bis(2-ethylhexyl)phthalate	13.60	149	341263	37.888	ng		99
84) Di-n-octyl phthalate	14.20	149	638186	38.609	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.15	276	300303	33.461	ng		96
87) Benzo(b)fluoranthene	14.58	252	386648m	41.577	ng		
88) Benzo(k)fluoranthene	14.61	252	390744m	44.094	ng		
89) Benzo(a)pyrene	14.89	252	356612	41.899	ng		98
90) Dibenzo(a,h)anthracene	16.16	278	254119	36.409	ng	#	95
91) Benzo(g,h,i)perylene	16.51	276	246903	33.733	ng		99

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

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