Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
Data File : BF095633.D
Acq On : 2 Jun 2017 14:44
Operator : SJ/MA
Sample : PB99404BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99404BS

Manual Integrations APPROVED
mohammad
6/6/2017 8:48:38 AM

Quant Time: Jun 03 02:09:40 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 18:51:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	111886	20.00	ng		0.00
21) Naphthalene-d8	9.57	136	469602	20.00	ng		0.00
38) Acenaphthene-d10	12.40	164	213838	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	370981	20.00	ng		0.00
75) Chrysene-d12	18.50	240	260285	20.00	ng		0.00
86) Perylene-d12	20.17	264	196414	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	973310	145.03	ng		0.02
7) Phenol-d6	7.10	99	1145428	142.25	ng		0.00
23) Nitrobenzene-d5	8.46	82	690036	92.66	ng		0.00
41) 2,4,6-Tribromophenol	13.70	330	231518	132.20	ng		0.00
44) 2-Fluorobiphenyl	11.35	172	1289801	86.82	ng		0.00
78) Terphenyl-d14	17.15	244	1047574	88.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	118395	35.97	ng		92
3) Pyridine	2.55	79	287595	37.70	ng		99
4) n-Nitrosodimethylamine	2.50	42	138022	43.41	ng		80
6) Aniline	7.04	93	286438	28.18	ng		95
8) 2-Chlorophenol	7.23	128	356460	46.67	ng		95
9) Benzaldehyde	6.87	77	46687	9.50	ng		97
10) Phenol	7.12	94	435648	51.34	ng		92
11) bis(2-Chloroethyl)ether	7.18	93	297182	42.43	ng		96
12) 1,3-Dichlorobenzene	7.44	146	371351	42.86	ng		98
13) 1,4-Dichlorobenzene	7.56	146	383892	43.69	ng		98
14) 1,2-Dichlorobenzene	7.80	146	357788	43.62	ng		95
15) Benzyl Alcohol	7.84	79	290225	56.04	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.04	45	428607	43.23	ng		97
17) 2-Methylphenol	8.06	107	296904	47.50	ng		97
18) Hexachloroethane	8.31	117	128824	43.28	ng	#	83
19) n-Nitroso-di-n-propylamine	8.26	70	252537	46.37	ng		95
20) 3+4-Methylphenols	8.33	107	392278	46.18	ng	#	60
22) Acetophenone	8.23	105	499606	44.34	ng	#	84
24) Nitrobenzene	8.48	77	356070	45.62	ng		94
25) Isophorone	8.89	82	636229	47.85	ng	#	94
26) 2-Nitrophenol	8.99	139	204180	48.48	ng		98
27) 2,4-Dimethylphenol	9.14	122	324247	47.61	ng		99
28) bis(2-Chloroethoxy)methane	9.26	93	413456	44.95	ng		99
29) 2,4-Dichlorophenol	9.42	162	309962	48.21	ng		98
30) 1,2,4-Trichlorobenzene	9.50	180	292359	42.44	ng		99
31) Naphthalene	9.60	128	1016100	43.05	ng		100
32) Benzoic acid	9.48	122	101578	25.40	ng		96
33) 4-Chloroaniline	9.76	127	180205	20.49	ng	#	92
34) Hexachlorobutadiene	9.82	225	146913	40.42	ng		98
35) Caprolactam	10.39	113	98831m	51.19	ng		
36) 4-Chloro-3-methylphenol	10.63	107	304404	44.28	ng		92
37) 2-Methylnaphthalene	10.73	142	684590	44.20	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.01	216	273097	41.53	ng		100
40) Hexachlorocyclopentadiene	10.98	237	155123	57.92	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.24	196	192698	43.89	ng		97
43) 2,4,5-Trichlorophenol	11.33	196	177635	37.64	ng		93
45) 1,1'-Biphenyl	11.50	154	778221	43.22	ng		98
46) 2-Chloronaphthalene	11.52	162	606070	41.69	ng		95
47) 2-Nitroaniline	11.73	65	186835	46.96	ng	#	84
48) Acenaphthylene	12.17	152	989313	43.45	ng		99
49) Dimethylphthalate	12.05	163	722247	41.14	ng		99
50) 2,6-Dinitrotoluene	12.15	165	158092	44.14	ng		92
51) Acenaphthene	12.45	154	591322	43.48	ng		100
52) 3-Nitroaniline	12.42	138	113618	29.56	ng		87
53) 2,4-Dinitrophenol	12.64	184	71653	39.73	ng	#	70
54) Dibenzofuran	12.74	168	887384	47.15	ng		99
55) 4-Nitrophenol	12.82	139	186627	80.83	ng	#	67
56) 2,4-Dinitrotoluene	12.82	165	220722	47.96	ng	#	83
57) Fluorene	13.29	166	712462	43.54	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.99	232	136775	46.05	ng		96
59) Diethylphthalate	13.20	149	692657	41.17	ng		100
60) 4-Chlorophenyl-phenylether	13.32	204	304598	42.35	ng		93
61) 4-Nitroaniline	13.42	138	157804	44.72	ng		96
62) Azobenzene	13.57	77	663349	49.06	ng		96
64) 4,6-Dinitro-2-methylphenol	13.49	198	73485	29.55	ng	#	74
65) n-Nitrosodiphenylamine	13.53	169	599880	44.55	ng		98
66) 4-Bromophenyl-phenylether	14.10	248	170213	43.43	ng		98
67) Hexachlorobenzene	14.19	284	170866	42.54	ng	#	88
68) Atrazine	14.46	200	170424	44.83	ng		96
69) Pentachlorophenol	14.55	266	100627	57.21	ng		98
70) Phenanthrene	14.84	178	905501	42.48	ng		98
71) Anthracene	14.92	178	942230	43.27	ng		98
72) Carbazole	15.22	167	887797	44.81	ng		98
73) Di-n-butylphthalate	15.79	149	1055902	42.74	ng		99
74) Fluoranthene	16.60	202	959127	43.87	ng		98
76) Benzidine	16.83	184	179590	28.60	ng	#	92
77) Pyrene	16.90	202	941227	48.35	ng		99
79) Butylbenzylphthalate	17.81	149	431388	47.64	ng	#	86
80) Benzo(a)anthracene	18.49	228	693825	45.80	ng		99
81) 3,3'-Dichlorobenzidine	18.47	252	158421	30.28	ng	#	96
82) Chrysene	18.53	228	639834	43.68	ng		99
83) Bis(2-ethylhexyl)phthalate	18.56	149	589341	45.68	ng	#	100
84) Di-n-octyl phthalate	19.33	149	868715	41.07	ng		97
85) Indeno(1,2,3-cd)pyrene	21.40	276	554815	46.64	ng		99
87) Benzo(b)fluoranthene	19.76	252	546923	45.06	ng		98
88) Benzo(k)fluoranthene	19.79	252	542925	46.38	ng		97
89) Benzo(a)pyrene	20.11	252	522387	46.65	ng		97
90) Dibenzo(a,h)anthracene	21.40	278	460077	49.74	ng		97
91) Benzo(g,h,i)perylene	21.76	276	494703	54.50	ng		99

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

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