Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090408.D
Acq On : 6 Oct 2016 4:22
Operator : UM/SJ
Sample : PB93791BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB93791BS

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:52 PM

Quant Time: Oct 06 06:52:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	244909	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1045315	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	514501	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	848567	20.00	ng		0.00
75) Chrysene-d12	14.20	240	632905	20.00	ng		0.00
86) Perylene-d12	15.70	264	433665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	2352112	143.34	ng		0.02
7) Phenol-d6	6.63	99	2901107	134.98	ng		0.01
23) Nitrobenzene-d5	7.57	82	2049649	95.38	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	766092	183.12	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	3210713	103.97	ng		0.00
78) Terphenyl-d14	13.14	244	2720140	96.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	309115	38.21	ng	#	94
3) Pyridine	3.57	79	975877	43.27	ng	#	84
4) n-Nitrosodimethylamine	3.53	42	431635	46.38	ng	#	62
6) Aniline	6.67	93	809539	27.27	ng		98
8) 2-Chlorophenol	6.79	128	855168	47.36	ng		88
9) Benzaldehyde	6.54	77	355108	32.69	ng		87
10) Phenol	6.65	94	1308770	52.38	ng		96
11) bis(2-Chloroethyl)ether	6.74	93	855974	44.74	ng		92
12) 1,3-Dichlorobenzene	6.94	146	814671m	45.26	ng		
13) 1,4-Dichlorobenzene	7.02	146	901126	49.29	ng		97
14) 1,2-Dichlorobenzene	7.17	146	760483	43.17	ng		95
15) Benzyl Alcohol	7.14	79	858115	52.52	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1473679	45.42	ng		91
17) 2-Methylphenol	7.25	107	702129	47.28	ng		98
18) Hexachloroethane	7.51	117	337862	46.87	ng	#	88
19) n-Nitroso-di-n-propylamine	7.42	70	788865	50.05	ng	#	81
20) 3+4-Methylphenols	7.41	107	965074	50.20	ng	#	76
22) Acetophenone	7.41	105	1177552	47.56	ng	#	99
24) Nitrobenzene	7.58	77	931938	43.68	ng		96
25) Isophorone	7.83	82	1877343	47.78	ng		98
26) 2-Nitrophenol	7.90	139	427422	46.55	ng	#	77
27) 2,4-Dimethylphenol	7.94	122	770425	43.14	ng		94
28) bis(2-Chloroethoxy)methane	8.04	93	1210322	52.09	ng		98
29) 2,4-Dichlorophenol	8.14	162	607967	44.78	ng		87
30) 1,2,4-Trichlorobenzene	8.23	180	704331	50.34	ng		99
31) Naphthalene	8.31	128	2321444	46.03	ng		99
32) Benzoic acid	8.06	122	559725	45.09	ng		93
33) 4-Chloroaniline	8.36	127	250680	12.03	ng	#	91
34) Hexachlorobutadiene	8.44	225	359172	45.94	ng		98
35) Caprolactam	8.74	113	242635m	53.15	ng		
36) 4-Chloro-3-methylphenol	8.84	107	732889	43.11	ng		95
37) 2-Methylnaphthalene	9.01	142	1632949	53.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	629434	46.40	ng	#	98
40) Hexachlorocyclopentadiene	9.17	237	848707	114.14	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	471204m	50.34	ng		
43) 2,4,5-Trichlorophenol	9.33	196	451385m	51.00	ng		
45) 1,1'-Biphenyl	9.47	154	1808693	47.44	ng		93
46) 2-Chloronaphthalene	9.50	162	1507610	53.52	ng		96
47) 2-Nitroaniline	9.59	65	593686	53.41	ng		85
48) Acenaphthylene	9.91	152	2126162	45.75	ng		99
49) Dimethylphthalate	9.78	163	1697513	51.52	ng		99
50) 2,6-Dinitrotoluene	9.83	165	386094	52.78	ng		92
51) Acenaphthene	10.09	154	1508891	52.07	ng		99
52) 3-Nitroaniline	9.99	138	185009	21.65	ng		82
53) 2,4-Dinitrophenol	10.11	184	389697	119.48	ng	#	84
54) Dibenzofuran	10.27	168	2025716	54.00	ng		96
55) 4-Nitrophenol	10.17	139	769799	102.95	ng		95
56) 2,4-Dinitrotoluene	10.25	165	513952	52.79	ng		96
57) Fluorene	10.60	166	1651054	52.37	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	371374	56.18	ng	#	85
59) Diethylphthalate	10.47	149	1646656	48.30	ng	#	92
60) 4-Chlorophenyl-phenylether	10.60	204	819761	57.19	ng	#	87
61) 4-Nitroaniline	10.62	138	416232	48.34	ng		95
62) Azobenzene	10.76	77	2284031	58.00	ng		90
64) 4,6-Dinitro-2-methylphenol	10.65	198	221276	39.69	ng		88
65) n-Nitrosodiphenylamine	10.71	169	1311826	46.13	ng		97
66) 4-Bromophenyl-phenylether	11.09	248	486645	58.51	ng	#	89
67) Hexachlorobenzene	11.16	284	491965	53.11	ng	#	89
68) Atrazine	11.24	200	367691	52.44	ng		98
69) Pentachlorophenol	11.35	266	597070	108.28	ng		98
70) Phenanthrene	11.57	178	2233959	51.41	ng		100
71) Anthracene	11.62	178	2267146	51.09	ng		99
72) Carbazole	11.78	167	2270237	55.07	ng		99
73) Di-n-butylphthalate	12.11	149	2698630	53.79	ng		99
74) Fluoranthene	12.76	202	1986698	46.61	ng		97
76) Benzidine	12.87	184	807476	48.52	ng		98
77) Pyrene	12.99	202	2151717	50.99	ng		99
79) Butylbenzylphthalate	13.61	149	1117089	51.59	ng	#	70
80) Benzo(a)anthracene	14.19	228	1884391	53.07	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	321195	24.95	ng	#	97
82) Chrysene	14.22	228	1692479	51.79	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1590178	51.66	ng	#	96
84) Di-n-octyl phthalate	14.80	149	2327943	51.02	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.22	276	1360741	58.40	ng	#	94
87) Benzo(b)fluoranthene	15.25	252	1621248	58.69	ng	#	94
88) Benzo(k)fluoranthene	15.29	252	1142313m	44.02	ng		
89) Benzo(a)pyrene	15.64	252	1322171	55.53	ng		99
90) Dibenzo(a,h)anthracene	17.24	278	1166901	57.61	ng	#	93
91) Benzo(g,h,i)perylene	17.69	276	1097380	56.45	ng		97

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

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