Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
Data File : BF090316.D
Acq On : 30 Sep 2016 16:41
Operator : UM/SJ
Sample : PB93703BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93703BS

Quant Time: Sep 30 18:27:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 16:07:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	133434	20.00	ng		-0.01
21) Naphthalene-d8	7.75	136	557656	20.00	ng		0.00
38) Acenaphthene-d10	9.48	164	298736	20.00	ng		0.00
63) Phenanthrene-d10	10.95	188	445975	20.00	ng		0.00
75) Chrysene-d12	13.57	240	300134	20.00	ng		0.00
86) Perylene-d12	14.88	264	250657	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	750440	91.67	ng		0.02
7) Phenol-d6	6.11	99	917734	90.78	ng		0.00
23) Nitrobenzene-d5	7.03	82	830447	86.33	ng		0.00
41) 2,4,6-Tribromophenol	10.27	330	224847	87.73	ng		0.00
44) 2-Fluorobiphenyl	8.82	172	1400734	92.05	ng		0.00
78) Terphenyl-d14	12.54	244	1089394	92.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	117702	26.50	ng	#	98
3) Pyridine	2.44	79	349819	36.32	ng		99
4) n-Nitrosodimethylamine	2.41	42	127389	44.32	ng		92
6) Aniline	6.11	93	450900	35.78	ng	#	75
8) 2-Chlorophenol	6.24	128	433395	46.01	ng		83
9) Benzaldehyde	5.99	77	233297	52.95	ng		96
10) Phenol	6.12	94	479202	40.10	ng		82
11) bis(2-Chloroethyl)ether	6.20	93	443662	47.60	ng		91
12) 1,3-Dichlorobenzene	6.39	146	421726	42.86	ng		98
13) 1,4-Dichlorobenzene	6.47	146	433776	43.18	ng		98
14) 1,2-Dichlorobenzene	6.63	146	370564	41.40	ng		99
15) Benzyl Alcohol	6.62	79	319578	53.01	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.75	45	461370	41.43	ng		83
17) 2-Methylphenol	6.74	107	343753	46.33	ng		94
18) Hexachloroethane	6.96	117	153392	42.80	ng		99
19) n-Nitroso-di-n-propylamine	6.89	70	301086	50.70	ng		95
20) 3+4-Methylphenols	6.90	107	437496	49.12	ng		96
22) Acetophenone	6.88	105	602884	44.83	ng	#	98
24) Nitrobenzene	7.05	77	468244	46.71	ng		92
25) Isophorone	7.30	82	877563	43.66	ng		98
26) 2-Nitrophenol	7.37	139	240837	48.79	ng	#	85
27) 2,4-Dimethylphenol	7.43	122	391076	44.60	ng		98
28) bis(2-Chloroethoxy)methane	7.52	93	566780	46.62	ng		99
29) 2,4-Dichlorophenol	7.62	162	346003	44.98	ng		98
30) 1,2,4-Trichlorobenzene	7.69	180	342682	44.60	ng		98
31) Naphthalene	7.76	128	1195807	45.03	ng		99
32) Benzoic acid	7.60	122	271655	45.13	ng		96
33) 4-Chloroaniline	7.83	127	307512	27.92	ng		95
34) Hexachlorobutadiene	7.90	225	181919	44.89	ng		96
35) Caprolactam	8.22	113	136233m	53.51	ng		
36) 4-Chloro-3-methylphenol	8.33	107	392176	45.11	ng		97
37) 2-Methylnaphthalene	8.46	142	778769	47.16	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	322305	47.00	ng		97
40) Hexachlorocyclopentadiene	8.62	237	245683	72.61	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.74	196	226039	46.26	ng		99
43) 2,4,5-Trichlorophenol	8.79	196	239162	47.27	ng	#	94
45) 1,1'-Biphenyl	8.92	154	1010771	47.29	ng		96
46) 2-Chloronaphthalene	8.94	162	670694	42.54	ng		97
47) 2-Nitroaniline	9.05	65	236031	49.65	ng		85
48) Acenaphthylene	9.35	152	1054409	41.18	ng		99
49) Dimethylphthalate	9.24	163	943860	49.61	ng		99
50) 2,6-Dinitrotoluene	9.29	165	189411	44.66	ng		97
51) Acenaphthene	9.52	154	635249	41.79	ng		99
52) 3-Nitroaniline	9.46	138	147315	29.63	ng		81
53) 2,4-Dinitrophenol	9.58	184	224292	93.98	ng	#	82
54) Dibenzofuran	9.69	168	911877	45.59	ng		94
55) 4-Nitrophenol	9.64	139	251676	73.89	ng	#	79
56) 2,4-Dinitrotoluene	9.70	165	241197	48.10	ng	#	52
57) Fluorene	10.03	166	734473	48.72	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	180261	47.59	ng		98
59) Diethylphthalate	9.93	149	820480	44.65	ng		100
60) 4-Chlorophenyl-phenylether	10.03	204	315618	45.92	ng		89
61) 4-Nitroaniline	10.07	138	195426	38.56	ng		85
62) Azobenzene	10.19	77	998453	52.20	ng		92
64) 4,6-Dinitro-2-methylphenol	10.10	198	130406	46.68	ng		75
65) n-Nitrosodiphenylamine	10.16	169	742595	50.64	ng		100
66) 4-Bromophenyl-phenylether	10.51	248	205597	46.85	ng	#	84
67) Hexachlorobenzene	10.57	284	225195	44.03	ng	#	86
68) Atrazine	10.70	200	230340	57.32	ng		98
69) Pentachlorophenol	10.78	266	258460	89.03	ng		99
70) Phenanthrene	10.98	178	1117800	53.59	ng		99
71) Anthracene	11.03	178	967305	44.22	ng		100
72) Carbazole	11.19	167	943861	40.81	ng		98
73) Di-n-butylphthalate	11.54	149	1334617	49.63	ng		100
74) Fluoranthene	12.15	202	936075	41.81	ng		100
76) Benzidine	12.29	184	444099	44.21	ng		97
77) Pyrene	12.38	202	1018985	49.62	ng		100
79) Butylbenzylphthalate	13.02	149	487478	48.52	ng	#	80
80) Benzo(a)anthracene	13.55	228	759939	47.06	ng		99
81) 3,3'-Dichlorobenzidine	13.53	252	229804	34.51	ng		98
82) Chrysene	13.59	228	537844	34.19	ng		98
83) Bis(2-ethylhexyl)phthalate	13.59	149	658095	51.19	ng	#	99
84) Di-n-octyl phthalate	14.19	149	1106723	49.97	ng		98
85) Indeno(1,2,3-cd)pyrene	16.02	276	751331	59.08	ng		97
87) Benzo(b)fluoranthene	14.55	252	734672m	52.93	ng		
88) Benzo(k)fluoranthene	14.57	252	541170m	41.54	ng		
89) Benzo(a)pyrene	14.83	252	628307	48.12	ng	#	98
90) Dibenzo(a,h)anthracene	16.03	278	624243	61.27	ng		98
91) Benzo(g,h,i)perylene	16.35	276	643538	64.53	ng		96

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

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