Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092108.D
Acq On : 6 Jan 2017 00:09
Operator : UM/SJ
Sample : PB95751BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DFTPP

Quant Time: Jan 06 01:07:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 00:13:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	332903	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1244744	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	661672	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	1023505	20.00	ng		0.00
75) Chrysene-d12	13.80	240	697141	20.00	ng		0.00
86) Perylene-d12	15.17	264	613513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1613365	80.92	ng		0.02
7) Phenol-d6	6.32	99	2210362	90.81	ng		0.00
23) Nitrobenzene-d5	7.22	82	1136655	50.78	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	388305	70.91	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1856618	52.57	ng		0.00
78) Terphenyl-d14	12.76	244	1717269	59.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	255947	26.08	ng		98
3) Pyridine	2.86	79	652378	19.04	ng		95
4) n-Nitrosodimethylamine	2.81	42	303467	23.48	ng		98
6) Aniline	6.32	93	404321	12.79	ng	#	69
8) 2-Chlorophenol	6.45	128	687331	30.31	ng		92
9) Benzaldehyde	6.20	77	45856	2.30	ng		93
10) Phenol	6.33	94	672112	24.23	ng		82
11) bis(2-Chloroethyl)ether	6.40	93	679173	30.77	ng		94
12) 1,3-Dichlorobenzene	6.60	146	632414	26.12	ng		97
13) 1,4-Dichlorobenzene	6.66	146	629656	25.55	ng		98
14) 1,2-Dichlorobenzene	6.82	146	589818	27.58	ng		99
15) Benzyl Alcohol	6.81	79	475802	25.16	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	851174	25.90	ng		78
17) 2-Methylphenol	6.94	107	492805	27.02	ng		94
18) Hexachloroethane	7.17	117	219098	23.98	ng		93
19) n-Nitroso-di-n-propylamine	7.09	70	381014	23.53	ng	#	92
20) 3+4-Methylphenols	7.10	107	577031	26.52	ng	#	73
22) Acetophenone	7.08	105	716162	23.33	ng	#	92
24) Nitrobenzene	7.25	77	604879	25.37	ng		92
25) Isophorone	7.49	82	1033131	25.02	ng		96
26) 2-Nitrophenol	7.57	139	282855	24.06	ng	#	78
27) 2,4-Dimethylphenol	7.62	122	462828	23.73	ng		93
28) bis(2-Chloroethoxy)methane	7.70	93	640050	25.56	ng		100
29) 2,4-Dichlorophenol	7.82	162	431973	26.16	ng		99
30) 1,2,4-Trichlorobenzene	7.89	180	445496	24.62	ng		96
31) Naphthalene	7.97	128	1487519	26.11	ng		99
32) Benzoic acid	7.77	122	368338	25.47	ng		96
33) 4-Chloroaniline	8.02	127	134276	5.23	ng	#	92
34) Hexachlorobutadiene	8.08	225	234516	24.55	ng		98
35) Caprolactam	8.40	113	143109m	26.37	ng		
36) 4-Chloro-3-methylphenol	8.53	107	461535	24.29	ng		98
37) 2-Methylnaphthalene	8.65	142	933474	22.85	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	432929	25.90	ng		99
40) Hexachlorocyclopentadiene	8.81	237	378485	52.29	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	282336	24.15	ng		99
43) 2,4,5-Trichlorophenol	9.00	196	298231	24.79	ng	#	86
45) 1,1'-Biphenyl	9.12	154	1244883	27.48	ng		99
46) 2-Chloronaphthalene	9.14	162	935269	26.07	ng		99
47) 2-Nitroaniline	9.25	65	312940	24.50	ng		95
48) Acenaphthylene	9.56	152	1418686	25.71	ng		99
49) Dimethylphthalate	9.43	163	1006235	23.78	ng		98
50) 2,6-Dinitrotoluene	9.49	165	216123	23.33	ng	#	67
51) Acenaphthene	9.73	154	912523	24.39	ng		99
52) 3-Nitroaniline	9.66	138	120436	10.51	ng		88
53) 2,4-Dinitrophenol	9.77	184	244395	47.42	ng	#	88
54) Dibenzofuran	9.90	168	1228262	24.31	ng		99
55) 4-Nitrophenol	9.85	139	370848	47.65	ng		99
56) 2,4-Dinitrotoluene	9.90	165	312887	26.91	ng		95
57) Fluorene	10.24	166	998059	27.15	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	250584	26.33	ng		100
59) Diethylphthalate	10.13	149	1001873	24.38	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	391483	24.33	ng		97
61) 4-Nitroaniline	10.28	138	257548	21.68	ng		95
62) Azobenzene	10.39	77	1164067	25.73	ng		99
64) 4,6-Dinitro-2-methylphenol	10.30	198	160417	25.92	ng	#	37
65) n-Nitrosodiphenylamine	10.36	169	801646	26.40	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	290277	27.26	ng		94
67) Hexachlorobenzene	10.79	284	297607	26.15	ng	#	84
68) Atrazine	10.89	200	284108	29.00	ng		97
69) Pentachlorophenol	10.98	266	279947	50.13	ng		99
70) Phenanthrene	11.19	178	1379796	24.86	ng		98
71) Anthracene	11.25	178	1526347	27.21	ng		99
72) Carbazole	11.41	167	1324385	24.01	ng		100
73) Di-n-butylphthalate	11.75	149	1616716	29.31	ng	#	96
74) Fluoranthene	12.38	202	1529587	30.15	ng		93
76) Benzidine	12.50	184	435722	21.17	ng		96
77) Pyrene	12.60	202	1494022	29.21	ng		99
79) Butylbenzylphthalate	13.24	149	704118	30.27	ng		86
80) Benzo(a)anthracene	13.79	228	1083151	27.52	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	238208	15.96	ng	#	95
82) Chrysene	13.83	228	1084859	27.48	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	778831	28.43	ng		99
84) Di-n-octyl phthalate	14.40	149	1301170	25.64	ng		98
85) Indeno(1,2,3-cd)pyrene	16.45	276	959352	28.05	ng		99
87) Benzo(b)fluoranthene	14.79	252	927351m	24.28	ng		
88) Benzo(k)fluoranthene	14.83	252	882906m	27.11	ng		
89) Benzo(a)pyrene	15.11	252	850356	25.08	ng		98
90) Dibenzo(a,h)anthracene	16.46	278	784152	28.14	ng		98
91) Benzo(g,h,i)perylene	16.83	276	830834	28.67	ng	#	95

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

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