Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010517\
Data File : BF092109.D
Acq On : 6 Jan 2017 00:37
Operator : UM/SJ
Sample : PB95751BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 06 01:09:19 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	366081	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	1264446	20.00	ng		0.00
38) Acenaphthene-d10	9.69	164	666562	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	1063033	20.00	ng		0.00
75) Chrysene-d12	13.80	240	694590	20.00	ng		0.00
86) Perylene-d12	15.17	264	632675	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1572071	71.70	ng		0.02
7) Phenol-d6	6.32	99	2431968	90.85	ng		0.00
23) Nitrobenzene-d5	7.22	82	1198482	52.71	ng		0.00
41) 2,4,6-Tribromophenol	10.48	330	423196	76.72	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	2012473	57.72	ng		0.00
78) Terphenyl-d14	12.76	244	1832749	63.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	241582	22.38	ng		99
3) Pyridine	2.86	79	624385	16.57	ng		95
4) n-Nitrosodimethylamine	2.81	42	288414	20.30	ng		97
6) Aniline	6.32	93	399715	11.50	ng	#	75
8) 2-Chlorophenol	6.45	128	720738	28.90	ng		92
9) Benzaldehyde	6.20	77	53125	2.43	ng		93
10) Phenol	6.33	94	702491	23.03	ng		84
11) bis(2-Chloroethyl)ether	6.40	93	716408	29.52	ng		96
12) 1,3-Dichlorobenzene	6.60	146	724060	27.20	ng		98
13) 1,4-Dichlorobenzene	6.66	146	684841	25.27	ng		99
14) 1,2-Dichlorobenzene	6.82	146	552186	23.48	ng		99
15) Benzyl Alcohol	6.81	79	455407	21.90	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.95	45	769384	21.29	ng		76
17) 2-Methylphenol	6.94	107	447255	22.30	ng	#	93
18) Hexachloroethane	7.17	117	218733	21.77	ng		94
19) n-Nitroso-di-n-propylamine	7.09	70	435496	24.45	ng		92
20) 3+4-Methylphenols	7.10	107	622196	26.01	ng	#	74
22) Acetophenone	7.08	105	819968	26.29	ng	#	90
24) Nitrobenzene	7.25	77	658025	27.17	ng		92
25) Isophorone	7.49	82	1112638	26.52	ng		96
26) 2-Nitrophenol	7.57	139	304331	25.48	ng	#	80
27) 2,4-Dimethylphenol	7.62	122	521857	26.34	ng		94
28) bis(2-Chloroethoxy)methane	7.70	93	684926	26.92	ng		100
29) 2,4-Dichlorophenol	7.82	162	458526	27.33	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	473835	25.78	ng		98
31) Naphthalene	7.97	128	1585397	27.40	ng		98
32) Benzoic acid	7.77	122	371557	25.29	ng		98
33) 4-Chloroaniline	8.02	127	137340	5.26	ng		93
34) Hexachlorobutadiene	8.08	225	248309	25.59	ng		100
35) Caprolactam	8.40	113	151168m	27.42	ng		
36) 4-Chloro-3-methylphenol	8.53	107	481856	24.96	ng		100
37) 2-Methylnaphthalene	8.65	142	991121	24.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	461055	27.38	ng		99
40) Hexachlorocyclopentadiene	8.81	237	413499	56.37	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	300343	25.50	ng		96
43) 2,4,5-Trichlorophenol	9.00	196	326370	26.93	ng	#	88
45) 1,1'-Biphenyl	9.12	154	1310387	28.71	ng		99
46) 2-Chloronaphthalene	9.14	162	1011197	27.98	ng		99
47) 2-Nitroaniline	9.25	65	321205	24.96	ng		97
48) Acenaphthylene	9.56	152	1502605	27.03	ng		99
49) Dimethylphthalate	9.43	163	1082616	25.39	ng		99
50) 2,6-Dinitrotoluene	9.49	165	234048	25.08	ng	#	64
51) Acenaphthene	9.73	154	979844	26.00	ng		99
52) 3-Nitroaniline	9.66	138	129010	11.17	ng		86
53) 2,4-Dinitrophenol	9.77	184	263803	50.81	ng	#	83
54) Dibenzofuran	9.90	168	1252229	24.61	ng		100
55) 4-Nitrophenol	9.85	139	355269	45.31	ng		98
56) 2,4-Dinitrotoluene	9.90	165	337648	28.83	ng		96
57) Fluorene	10.24	166	1051247	28.39	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	262690	27.40	ng		99
59) Diethylphthalate	10.13	149	1056642	25.52	ng		99
60) 4-Chlorophenyl-phenylether	10.23	204	418451	25.81	ng		98
61) 4-Nitroaniline	10.28	138	267741	22.37	ng		96
62) Azobenzene	10.39	77	1232037	27.03	ng		99
64) 4,6-Dinitro-2-methylphenol	10.31	198	165888	25.81	ng		83
65) n-Nitrosodiphenylamine	10.36	169	856775	27.16	ng		100
66) 4-Bromophenyl-phenylether	10.72	248	308954	27.94	ng		93
67) Hexachlorobenzene	10.79	284	318599	26.95	ng	#	85
68) Atrazine	10.89	200	297940	29.28	ng		97
69) Pentachlorophenol	10.99	266	293148	50.55	ng		99
70) Phenanthrene	11.19	178	1436525	24.92	ng		99
71) Anthracene	11.25	178	1610958	27.76	ng		99
72) Carbazole	11.41	167	1376606	24.04	ng		99
73) Di-n-butylphthalate	11.74	149	1650717	28.74	ng		99
74) Fluoranthene	12.38	202	1612064	30.66	ng		93
76) Benzidine	12.51	184	439701	21.51	ng		96
77) Pyrene	12.61	202	1577532	30.95	ng		98
79) Butylbenzylphthalate	13.24	149	744096	32.10	ng		85
80) Benzo(a)anthracene	13.79	228	1150208	29.34	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	269440	18.12	ng	#	95
82) Chrysene	13.83	228	1191534	30.30	ng		98
83) Bis(2-ethylhexyl)phthalate	13.80	149	797433	29.21	ng		98
84) Di-n-octyl phthalate	14.40	149	1414565	27.98	ng		98
85) Indeno(1,2,3-cd)pyrene	16.45	276	1044029	30.64	ng		99
87) Benzo(b)fluoranthene	14.79	252	958705m	24.34	ng		
88) Benzo(k)fluoranthene	14.83	252	963963m	28.70	ng		
89) Benzo(a)pyrene	15.11	252	913675	26.13	ng		98
90) Dibenzo(a,h)anthracene	16.46	278	852152	29.65	ng		98
91) Benzo(g,h,i)perylene	16.83	276	908545	30.41	ng	#	95

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

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