Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120816\
Data File : BF091511.D
Acq On : 8 Dec 2016 19:16
Operator : UM/SJ
Sample : PB95122BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95122BS

Quant Time: Dec 09 00:31:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 00:14:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	180414	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	720241	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	433361	20.00	ng		0.01
63) Phenanthrene-d10	11.34	188	770352	20.00	ng		0.00
75) Chrysene-d12	13.97	240	591762	20.00	ng		0.00
86) Perylene-d12	15.39	264	485982	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	863921	78.23	ng		0.02
7) Phenol-d6	6.46	99	1048903	77.16	ng		0.00
23) Nitrobenzene-d5	7.38	82	670534	52.17	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	388467	94.69	ng		0.01
44) 2-Fluorobiphenyl	9.18	172	1341872	56.07	ng		-0.01
78) Terphenyl-d14	12.93	244	1546949	56.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	107324	21.48	ng	#	82
3) Pyridine	3.19	79	410964	29.07	ng	#	78
4) n-Nitrosodimethylamine	3.16	42	259133	34.93	ng		98
6) Aniline	6.48	93	263927	14.62	ng	#	82
8) 2-Chlorophenol	6.61	128	344858	28.48	ng		93
9) Benzaldehyde	6.36	77	65111	7.45	ng		98
10) Phenol	6.47	94	371496	23.22	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	346605	30.32	ng		96
12) 1,3-Dichlorobenzene	6.76	146	333244m	24.74	ng		
13) 1,4-Dichlorobenzene	6.84	146	365316	27.27	ng		98
14) 1,2-Dichlorobenzene	7.00	146	327728m	26.26	ng		
15) Benzyl Alcohol	6.96	79	274848	25.26	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	622889	25.34	ng		71
17) 2-Methylphenol	7.09	107	265405	27.73	ng	#	76
18) Hexachloroethane	7.34	117	129869	27.30	ng	#	88
19) n-Nitroso-di-n-propylamine	7.24	70	245228	28.63	ng	#	95
20) 3+4-Methylphenols	7.24	107	331878	28.40	ng	#	67
22) Acetophenone	7.24	105	478189	28.01	ng	#	85
24) Nitrobenzene	7.41	77	387027	29.41	ng	#	83
25) Isophorone	7.65	82	647409	28.43	ng		97
26) 2-Nitrophenol	7.73	139	168874	28.16	ng	#	68
27) 2,4-Dimethylphenol	7.76	122	287147	25.60	ng		99
28) bis(2-Chloroethoxy)methane	7.86	93	403302	29.43	ng		98
29) 2,4-Dichlorophenol	7.97	162	296916	30.09	ng		96
30) 1,2,4-Trichlorobenzene	8.05	180	323600	29.25	ng		97
31) Naphthalene	8.13	128	931020	27.20	ng		100
32) Benzoic acid	7.90	122	218765	26.46	ng		87
33) 4-Chloroaniline	8.18	127	47411	3.24	ng		98
34) Hexachlorobutadiene	8.25	225	203227	29.87	ng		99
35) Caprolactam	8.55	113	86389m	30.46	ng		
36) 4-Chloro-3-methylphenol	8.66	107	289878	27.21	ng		95
37) 2-Methylnaphthalene	8.82	142	654583	28.15	ng		95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	307602	25.18	ng		99
40) Hexachlorocyclopentadiene	8.97	237	371449	65.59	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	228426m	28.77	ng		
43) 2,4,5-Trichlorophenol	9.14	196	237237m	29.82	ng		
45) 1,1'-Biphenyl	9.28	154	803282	25.78	ng		96
46) 2-Chloronaphthalene	9.30	162	594940	25.64	ng		99
47) 2-Nitroaniline	9.40	65	200741	24.08	ng	#	72
48) Acenaphthylene	9.72	152	896367	24.54	ng		99
49) Dimethylphthalate	9.59	163	762237	29.05	ng		98
50) 2,6-Dinitrotoluene	9.65	165	187299	31.94	ng	#	77
51) Acenaphthene	9.89	154	706077	28.65	ng		97
52) 3-Nitroaniline	9.81	138	78512	11.57	ng		82
53) 2,4-Dinitrophenol	9.92	184	209412	81.65	ng	#	81
54) Dibenzofuran	10.06	168	888592	26.93	ng		99
55) 4-Nitrophenol	9.98	139	228013	46.50	ng		97
56) 2,4-Dinitrotoluene	10.05	165	220788	29.02	ng	#	69
57) Fluorene	10.40	166	654973	25.86	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	211666	31.15	ng		93
59) Diethylphthalate	10.29	149	742737	28.67	ng		96
60) 4-Chlorophenyl-phenylether	10.40	204	361786	28.48	ng		97
61) 4-Nitroaniline	10.42	138	149256	23.41	ng		88
62) Azobenzene	10.56	77	779799	29.50	ng		98
64) 4,6-Dinitro-2-methylphenol	10.46	198	127148	29.96	ng	#	33
65) n-Nitrosodiphenylamine	10.52	169	579461	24.81	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	225531	27.24	ng	#	72
67) Hexachlorobenzene	10.95	284	233792	26.13	ng	#	85
68) Atrazine	11.05	200	210687	27.85	ng		91
69) Pentachlorophenol	11.14	266	269588	51.18	ng		95
70) Phenanthrene	11.36	178	948246	23.69	ng		100
71) Anthracene	11.42	178	1135144	28.57	ng		99
72) Carbazole	11.57	167	892246	24.75	ng		98
73) Di-n-butylphthalate	11.91	149	1136143	27.81	ng		98
74) Fluoranthene	12.55	202	1180086	31.12	ng		95
76) Benzidine	12.66	184	362561	20.87	ng		98
77) Pyrene	12.78	202	1150080	25.61	ng		99
79) Butylbenzylphthalate	13.40	149	445536	26.49	ng		97
80) Benzo(a)anthracene	13.96	228	939028	27.13	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	196537	16.12	ng		99
82) Chrysene	14.00	228	938563	27.41	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	588090	27.59	ng		98
84) Di-n-octyl phthalate	14.57	149	1023085	31.72	ng		94
85) Indeno(1,2,3-cd)pyrene	16.76	276	750467	23.93	ng	#	91
87) Benzo(b)fluoranthene	14.99	252	880268m	29.14	ng		
88) Benzo(k)fluoranthene	15.01	252	650461m	25.61	ng		
89) Benzo(a)pyrene	15.33	252	715728	26.38	ng	#	93
90) Dibenzo(a,h)anthracene	16.78	278	623602	24.85	ng	#	90
91) Benzo(g,h,i)perylene	17.17	276	634426	24.52	ng	#	95

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

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