Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090169.D
Acq On : 21 Sep 2016 19:49
Operator : UM/SJ
Sample : PB93513BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93513BS

Quant Time: Sep 22 07:05:15 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	136122	20.00	ng		-0.02
21) Naphthalene-d8	7.79	136	540113	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	305791	20.00	ng		-0.01
63) Phenanthrene-d10	11.00	188	435898	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	286416	20.00	ng		-0.01
86) Perylene-d12	14.94	264	253603	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	956480	114.53	ng		0.00
7) Phenol-d6	6.17	99	1299561	126.01	ng		0.00
23) Nitrobenzene-d5	7.08	82	820732	88.09	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	313552	119.52	ng		-0.01
44) 2-Fluorobiphenyl	8.88	172	1282105	82.31	ng		-0.01
78) Terphenyl-d14	12.59	244	1114888	98.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.93	88	133505	29.46	ng		98
3) Pyridine	2.52	79	391356	39.83	ng		97
4) n-Nitrosodimethylamine	2.48	42	132239	45.09	ng		91
6) Aniline	6.17	93	436753	33.97	ng	#	85
8) 2-Chlorophenol	6.30	128	387760	40.35	ng	#	79
9) Benzaldehyde	6.04	77	40026	8.91	ng		99
10) Phenol	6.18	94	579134	47.50	ng	#	64
11) bis(2-Chloroethyl)ether	6.25	93	397401	41.80	ng		98
12) 1,3-Dichlorobenzene	6.44	146	423812	42.22	ng		99
13) 1,4-Dichlorobenzene	6.52	146	433339	42.28	ng		100
14) 1,2-Dichlorobenzene	6.67	146	364971m	39.97	ng		
15) Benzyl Alcohol	6.66	79	266494	43.33	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.81	45	500625	44.06	ng		95
17) 2-Methylphenol	6.79	107	321773	42.51	ng		99
18) Hexachloroethane	7.02	117	147487	40.34	ng		99
19) n-Nitroso-di-n-propylamine	6.95	70	286179	47.24	ng		94
20) 3+4-Methylphenols	6.95	107	411756	45.31	ng		95
22) Acetophenone	6.94	105	524954	40.30	ng	#	97
24) Nitrobenzene	7.10	77	375970	38.73	ng		97
25) Isophorone	7.35	82	826339	42.45	ng		99
26) 2-Nitrophenol	7.42	139	216671	45.32	ng		97
27) 2,4-Dimethylphenol	7.47	122	340651	40.11	ng		98
28) bis(2-Chloroethoxy)methane	7.56	93	491659	41.75	ng		99
29) 2,4-Dichlorophenol	7.67	162	345903	46.43	ng		97
30) 1,2,4-Trichlorobenzene	7.74	180	312390	41.98	ng		99
31) Naphthalene	7.82	128	1134961	44.13	ng		100
32) Benzoic acid	7.62	122	222914	38.23	ng		86
33) 4-Chloroaniline	7.87	127	299865	28.11	ng		99
34) Hexachlorobutadiene	7.94	225	159483	40.63	ng		99
35) Caprolactam	8.25	113	111870m	45.37	ng		
36) 4-Chloro-3-methylphenol	8.38	107	373607	44.37	ng		93
37) 2-Methylnaphthalene	8.51	142	737692	46.12	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	224270	31.95	ng		98
40) Hexachlorocyclopentadiene	8.66	237	257959	74.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	199732	39.93	ng		100
43) 2,4,5-Trichlorophenol	8.83	196	217604	42.02	ng	#	87
45) 1,1'-Biphenyl	8.97	154	745386	34.07	ng		99
46) 2-Chloronaphthalene	8.99	162	693685	42.98	ng		98
47) 2-Nitroaniline	9.10	65	222383	45.70	ng		93
48) Acenaphthylene	9.40	152	1127148	43.00	ng		99
49) Dimethylphthalate	9.29	163	856091	43.95	ng		100
50) 2,6-Dinitrotoluene	9.35	165	179662	41.39	ng	#	56
51) Acenaphthene	9.58	154	665360	42.77	ng		99
52) 3-Nitroaniline	9.51	138	156113	30.67	ng		94
53) 2,4-Dinitrophenol	9.61	184	169014	70.01	ng	#	80
54) Dibenzofuran	9.75	168	956917	46.74	ng		99
55) 4-Nitrophenol	9.69	139	302806	86.85	ng		95
56) 2,4-Dinitrotoluene	9.74	165	210768	41.06	ng		92
57) Fluorene	10.08	166	667026	43.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	176525	45.53	ng		96
59) Diethylphthalate	9.99	149	813261	43.24	ng		96
60) 4-Chlorophenyl-phenylether	10.09	204	284125	40.38	ng	#	74
61) 4-Nitroaniline	10.11	138	200327	38.62	ng		85
62) Azobenzene	10.24	77	871034	44.49	ng		100
64) 4,6-Dinitro-2-methylphenol	10.15	198	133119	48.76	ng		94
65) n-Nitrosodiphenylamine	10.20	169	623180	43.48	ng		100
66) 4-Bromophenyl-phenylether	10.57	248	210841	49.15	ng		98
67) Hexachlorobenzene	10.63	284	231595	46.33	ng		97
68) Atrazine	10.74	200	197432	50.26	ng		97
69) Pentachlorophenol	10.82	266	227577	80.20	ng		99
70) Phenanthrene	11.03	178	929951	45.62	ng		99
71) Anthracene	11.08	178	1058491	49.51	ng		100
72) Carbazole	11.24	167	962552	42.58	ng		99
73) Di-n-butylphthalate	11.60	149	1186250	45.13	ng	#	97
74) Fluoranthene	12.20	202	915128	41.82	ng		97
76) Benzidine	12.34	184	389582	40.64	ng		97
77) Pyrene	12.43	202	940458	47.99	ng		98
79) Butylbenzylphthalate	13.07	149	487746	50.88	ng		95
80) Benzo(a)anthracene	13.61	228	726039	47.12	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	200564	31.56	ng	#	97
82) Chrysene	13.65	228	672648	44.81	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	566701	46.19	ng	#	99
84) Di-n-octyl phthalate	14.24	149	974109	46.09	ng		98
85) Indeno(1,2,3-cd)pyrene	16.10	276	696621	57.40	ng		98
87) Benzo(b)fluoranthene	14.59	252	584742m	41.64	ng		
88) Benzo(k)fluoranthene	14.62	252	602796m	45.74	ng		
89) Benzo(a)pyrene	14.89	252	607223	45.97	ng		99
90) Dibenzo(a,h)anthracene	16.11	278	585558	56.81	ng		98
91) Benzo(g,h,i)perylene	16.45	276	605326	60.00	ng		95

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

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