Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091616\
Data File : BF090108.D
Acq On : 16 Sep 2016 16:07
Operator : UM/SJ
Sample : PB93420BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93420BS

Quant Time: Sep 16 23:04:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 11:18:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	175198	20.00	ng		-0.01
21) Naphthalene-d8	7.83	136	701152	20.00	ng		-0.01
38) Acenaphthene-d10	9.58	164	393959	20.00	ng		-0.01
63) Phenanthrene-d10	11.04	188	560022	20.00	ng		-0.01
75) Chrysene-d12	13.66	240	411795	20.00	ng		-0.01
86) Perylene-d12	14.98	264	360558	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.12	112	1347295	123.68	ng		0.00
7) Phenol-d6	6.20	99	1714416	120.21	ng		0.00
23) Nitrobenzene-d5	7.12	82	1071682	85.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.36	330	385240	97.35	ng		-0.01
44) 2-Fluorobiphenyl	8.91	172	1566970	62.47	ng		-0.01
78) Terphenyl-d14	12.63	244	1372618	79.16	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	183994	32.35	ng	#	94
3) Pyridine	2.64	79	534768	37.31	ng		98
4) n-Nitrosodimethylamine	2.60	42	172525	38.09	ng		96
6) Aniline	6.20	93	356591	20.15	ng	#	89
8) 2-Chlorophenol	6.33	128	511437	40.75	ng		83
9) Benzaldehyde	6.08	77	41025	5.40	ng		98
10) Phenol	6.22	94	735377	45.94	ng	#	67
11) bis(2-Chloroethyl)ether	6.30	93	512733	39.94	ng		88
12) 1,3-Dichlorobenzene	6.48	146	518497	40.16	ng		99
13) 1,4-Dichlorobenzene	6.56	146	543256	40.76	ng		99
14) 1,2-Dichlorobenzene	6.71	146	444641m	36.71	ng		
15) Benzyl Alcohol	6.70	79	340134	42.35	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	623120	40.96	ng		97
17) 2-Methylphenol	6.82	107	421696	41.08	ng		99
18) Hexachloroethane	7.05	117	191582	39.61	ng		99
19) n-Nitroso-di-n-propylamine	6.98	70	368727	41.61	ng		97
20) 3+4-Methylphenols	6.98	107	531834	42.67	ng		96
22) Acetophenone	6.96	105	675134	39.78	ng	#	96
24) Nitrobenzene	7.13	77	488298	37.17	ng		97
25) Isophorone	7.38	82	1070972	41.01	ng		100
26) 2-Nitrophenol	7.45	139	275593	43.27	ng		100
27) 2,4-Dimethylphenol	7.51	122	462800	41.30	ng		98
28) bis(2-Chloroethoxy)methane	7.60	93	637777	41.64	ng		99
29) 2,4-Dichlorophenol	7.70	162	443062	44.76	ng		97
30) 1,2,4-Trichlorobenzene	7.78	180	411431	42.13	ng		95
31) Naphthalene	7.85	128	1387961	40.27	ng		100
32) Benzoic acid	7.64	122	175949	20.21	ng		89
33) 4-Chloroaniline	7.91	127	165804	11.30	ng		98
34) Hexachlorobutadiene	7.98	225	200916	40.18	ng		100
35) Caprolactam	8.30	113	158412m	47.92	ng		
36) 4-Chloro-3-methylphenol	8.41	107	461706	40.17	ng		97
37) 2-Methylnaphthalene	8.55	142	971643	45.46	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	288047	28.43	ng		99
40) Hexachlorocyclopentadiene	8.70	237	305265	57.98	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	271487	36.98	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	306377	38.79	ng		98
45) 1,1'-Biphenyl	9.00	154	951726	29.52	ng		100
46) 2-Chloronaphthalene	9.03	162	836918	35.04	ng		100
47) 2-Nitroaniline	9.13	65	276702	36.29	ng		87
48) Acenaphthylene	9.44	152	1363006	33.98	ng		99
49) Dimethylphthalate	9.32	163	1032798	35.30	ng		99
50) 2,6-Dinitrotoluene	9.38	165	250217	38.26	ng	#	61
51) Acenaphthene	9.61	154	799691	35.69	ng		100
52) 3-Nitroaniline	9.54	138	146488	18.41	ng		97
53) 2,4-Dinitrophenol	9.64	184	158547	44.60	ng	#	79
54) Dibenzofuran	9.78	168	1127329	36.38	ng		96
55) 4-Nitrophenol	9.72	139	352753	63.00	ng		88
56) 2,4-Dinitrotoluene	9.78	165	284439	35.68	ng	#	78
57) Fluorene	10.12	166	868172	36.10	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	228339	37.91	ng		95
59) Diethylphthalate	10.02	149	1027536	36.27	ng		98
60) 4-Chlorophenyl-phenylether	10.12	204	351483	36.42	ng	#	81
61) 4-Nitroaniline	10.16	138	273228	33.93	ng		99
62) Azobenzene	10.27	77	1085330	36.51	ng		99
64) 4,6-Dinitro-2-methylphenol	10.18	198	132552	35.29	ng		83
65) n-Nitrosodiphenylamine	10.24	169	759950	42.83	ng		100
66) 4-Bromophenyl-phenylether	10.60	248	255688	47.36	ng	#	92
67) Hexachlorobenzene	10.66	284	263488	41.42	ng	#	94
68) Atrazine	10.78	200	222931	42.28	ng		98
69) Pentachlorophenol	10.86	266	255406	68.53	ng		98
70) Phenanthrene	11.07	178	1246433	46.06	ng		99
71) Anthracene	11.12	178	1183743	40.06	ng		100
72) Carbazole	11.28	167	1275694	42.08	ng		99
73) Di-n-butylphthalate	11.62	149	1487669	43.76	ng		100
74) Fluoranthene	12.24	202	1132608	39.94	ng		98
76) Benzidine	12.38	184	278291	16.57	ng		97
77) Pyrene	12.47	202	1249432	41.57	ng		99
79) Butylbenzylphthalate	13.11	149	633069	42.30	ng		93
80) Benzo(a)anthracene	13.65	228	917433m	38.17	ng		
81) 3,3'-Dichlorobenzidine	13.62	252	184903	18.35	ng		99
82) Chrysene	13.68	228	819465m	36.34	ng		
83) Bis(2-ethylhexyl)phthalate	13.67	149	728369	39.35	ng		99
84) Di-n-octyl phthalate	14.27	149	1236159	37.36	ng		99
85) Indeno(1,2,3-cd)pyrene	16.16	276	888958	45.37	ng		99
87) Benzo(b)fluoranthene	14.64	252	1090090m	51.57	ng		
88) Benzo(k)fluoranthene	14.66	252	606525m	31.87	ng		
89) Benzo(a)pyrene	14.93	252	815748	43.04	ng	#	92
90) Dibenzo(a,h)anthracene	16.18	278	774808	52.19	ng		98
91) Benzo(g,h,i)perylene	16.51	276	762397	53.82	ng		98

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

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