Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094641.D
Acq On : 26 Apr 2017 12:43
Operator : SJ/MA
Sample : PB98452BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98452BS

Quant Time: Apr 27 02:32:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	129157	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	520581	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	240162	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	436708	20.00	ng		-0.01
75) Chrysene-d12	14.46	240	361604	20.00	ng		0.00
86) Perylene-d12	16.08	264	274873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	981965	126.14	ng		0.00
7) Phenol-d6	5.39	99	1188691	129.52	ng		0.00
23) Nitrobenzene-d5	6.41	82	755227	89.58	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	273026	145.34	ng		0.00
44) 2-Fluorobiphenyl	8.57	172	1386095	84.92	ng		-0.01
78) Terphenyl-d14	13.19	244	1287947	95.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	117400	25.93	ng		95
3) Pyridine	2.64	79	359564	36.34	ng		98
4) n-Nitrosodimethylamine	2.58	42	159587	38.98	ng		89
6) Aniline	5.39	93	437949	35.91	ng	#	88
8) 2-Chlorophenol	5.53	128	382281	43.15	ng		96
9) Benzaldehyde	5.25	77	95153	13.63	ng		97
10) Phenol	5.41	94	471050	41.78	ng		88
11) bis(2-Chloroethyl)ether	5.47	93	349235	42.40	ng		99
12) 1,3-Dichlorobenzene	5.69	146	396201	40.37	ng		100
13) 1,4-Dichlorobenzene	5.78	146	403291	40.84	ng		96
14) 1,2-Dichlorobenzene	5.95	146	373837	41.10	ng		97
15) Benzyl Alcohol	5.94	79	290417	42.66	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	461516	42.74	ng		69
17) 2-Methylphenol	6.08	107	307862	44.13	ng	#	93
18) Hexachloroethane	6.34	117	141533	41.81	ng	#	86
19) n-Nitroso-di-n-propylamine	6.25	70	272918	44.88	ng		96
20) 3+4-Methylphenols	6.27	107	428210	45.17	ng	#	62
22) Acetophenone	6.23	105	546136	43.15	ng	#	85
24) Nitrobenzene	6.43	77	379534	42.75	ng		94
25) Isophorone	6.72	82	702353	44.94	ng	#	94
26) 2-Nitrophenol	6.80	139	216520	45.40	ng		95
27) 2,4-Dimethylphenol	6.88	122	345781	44.63	ng		98
28) bis(2-Chloroethoxy)methane	6.98	93	450847	44.60	ng		99
29) 2,4-Dichlorophenol	7.11	162	333307	46.25	ng		99
30) 1,2,4-Trichlorobenzene	7.19	180	316997	42.54	ng		97
31) Naphthalene	7.28	128	1055345	42.17	ng		100
32) Benzoic acid	7.02	122	32643	7.97	ng		93
33) 4-Chloroaniline	7.35	127	229419	22.04	ng		94
34) Hexachlorobutadiene	7.43	225	160904	43.31	ng		99
35) Caprolactam	7.83	113	105580m	46.63	ng		
36) 4-Chloro-3-methylphenol	7.98	107	347077	45.95	ng		89
37) 2-Methylnaphthalene	8.12	142	744092	43.46	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	291210	42.58	ng		99
40) Hexachlorocyclopentadiene	8.31	237	282432	102.09	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	213626	44.48	ng		98
43) 2,4,5-Trichlorophenol	8.54	196	229126	46.46	ng		94
45) 1,1'-Biphenyl	8.69	154	842858	42.95	ng		98
46) 2-Chloronaphthalene	8.71	162	672692	43.12	ng		96
47) 2-Nitroaniline	8.85	65	202752	45.17	ng	#	83
48) Acenaphthylene	9.21	152	1041083	42.80	ng		99
49) Dimethylphthalate	9.09	163	847562	47.36	ng		99
50) 2,6-Dinitrotoluene	9.15	165	186404	46.40	ng	#	89
51) Acenaphthene	9.42	154	635817	43.65	ng		99
52) 3-Nitroaniline	9.36	138	131677	28.33	ng		85
53) 2,4-Dinitrophenol	9.50	184	79256	39.50	ng	#	66
54) Dibenzofuran	9.64	168	932952	44.06	ng		100
55) 4-Nitrophenol	9.64	139	625790	190.58	ng	#	36
56) 2,4-Dinitrotoluene	9.65	165	251277	50.98	ng	#	87
57) Fluorene	10.06	166	721939	43.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	175939	49.77	ng		94
59) Diethylphthalate	9.95	149	808934	47.90	ng		98
60) 4-Chlorophenyl-phenylether	10.07	204	311746	45.43	ng		95
61) 4-Nitroaniline	10.12	138	200809	42.50	ng		95
62) Azobenzene	10.27	77	762119	46.48	ng		94
64) 4,6-Dinitro-2-methylphenol	10.16	198	84730	29.61	ng	#	70
65) n-Nitrosodiphenylamine	10.22	169	680973	44.84	ng		97
66) 4-Bromophenyl-phenylether	10.67	248	200154	46.16	ng		98
67) Hexachlorobenzene	10.74	284	199354	45.62	ng	#	83
68) Atrazine	10.90	200	200229	44.07	ng		98
69) Pentachlorophenol	11.00	266	161165	92.88	ng		98
70) Phenanthrene	11.24	178	1096593	44.59	ng		99
71) Anthracene	11.30	178	1144026	44.97	ng		98
72) Carbazole	11.51	167	1068606	44.76	ng		97
73) Di-n-butylphthalate	11.96	149	1306237	49.69	ng		99
74) Fluoranthene	12.70	202	1150297	45.13	ng		99
76) Benzidine	12.88	184	509106	34.77	ng	#	93
77) Pyrene	12.98	202	1150894	45.56	ng		99
79) Butylbenzylphthalate	13.79	149	566534	51.17	ng	#	87
80) Benzo(a)anthracene	14.45	228	969625	46.13	ng		99
81) 3,3'-Dichlorobenzidine	14.42	252	193068	25.95	ng	#	95
82) Chrysene	14.49	228	861411	44.85	ng		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	811812	54.61	ng	#	100
84) Di-n-octyl phthalate	15.27	149	1340089	53.74	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	705671	38.61	ng		99
87) Benzo(b)fluoranthene	15.68	252	837070	49.78	ng		98
88) Benzo(k)fluoranthene	15.72	252	743745m	46.74	ng		
89) Benzo(a)pyrene	16.03	252	718177	45.91	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	585326	45.06	ng		97
91) Benzo(g,h,i)perylene	17.74	276	607388	45.93	ng		98

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

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