Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
Data File : BF092706.D
Acq On : 1 Feb 2017 16:08
Operator : SJ/MA
Sample : PB96625BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96625BS

Quant Time: Feb 01 17:57:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	164496	20.00	ng		-0.02
21) Naphthalene-d8	8.24	136	654462	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	323988	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	563749	20.00	ng		0.00
75) Chrysene-d12	14.12	240	370385	20.00	ng		-0.02
86) Perylene-d12	15.60	264	307354	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1303375	135.94	ng		0.00
7) Phenol-d6	6.59	99	1546933	125.39	ng		-0.01
23) Nitrobenzene-d5	7.52	82	1006926	85.68	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	280909	119.88	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1759662	98.40	ng		-0.01
78) Terphenyl-d14	13.07	244	1321981	83.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	196312	37.89	ng	#	82
3) Pyridine	3.42	79	522497	39.66	ng		89
4) n-Nitrosodimethylamine	3.39	42	297514	48.10	ng		87
6) Aniline	6.61	93	367458	21.84	ng	#	63
8) 2-Chlorophenol	6.74	128	460186	43.50	ng		95
9) Benzaldehyde	6.49	77	318499	36.04	ng		85
10) Phenol	6.60	94	508139	35.20	ng		91
11) bis(2-Chloroethyl)ether	6.68	93	482519	41.88	ng		93
12) 1,3-Dichlorobenzene	6.89	146	529245	42.72	ng		96
13) 1,4-Dichlorobenzene	6.97	146	534192	42.60	ng		93
14) 1,2-Dichlorobenzene	7.12	146	483119	40.29	ng		98
15) Benzyl Alcohol	7.09	79	402724	44.09	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	883364	44.13	ng		95
17) 2-Methylphenol	7.21	107	393844	43.40	ng		98
18) Hexachloroethane	7.46	117	178070	41.60	ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	341156	43.44	ng		92
20) 3+4-Methylphenols	7.37	107	476809	43.95	ng	#	85
22) Acetophenone	7.36	105	610456	40.85	ng	#	94
24) Nitrobenzene	7.53	77	537566	44.55	ng		97
25) Isophorone	7.77	82	962122	43.93	ng		94
26) 2-Nitrophenol	7.85	139	251010	43.76	ng		93
27) 2,4-Dimethylphenol	7.89	122	429160	42.60	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	606446	41.81	ng		99
29) 2,4-Dichlorophenol	8.10	162	406428	43.26	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	421432	41.62	ng		99
31) Naphthalene	8.26	128	1297645	39.11	ng		99
32) Benzoic acid	8.02	122	252272	44.76	ng		99
33) 4-Chloroaniline	8.32	127	94122	7.23	ng		97
34) Hexachlorobutadiene	8.37	225	210969	37.87	ng		99
35) Caprolactam	8.68	113	138985m	47.03	ng		
36) 4-Chloro-3-methylphenol	8.81	107	455856	46.54	ng		97
37) 2-Methylnaphthalene	8.96	142	928822	43.60	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	368814	40.55	ng		99
40) Hexachlorocyclopentadiene	9.10	237	361992	88.22	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	289730	48.48	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	281566	43.00	ng		96
45) 1,1'-Biphenyl	9.42	154	1051165	44.81	ng		98
46) 2-Chloronaphthalene	9.45	162	873860	47.62	ng		98
47) 2-Nitroaniline	9.54	65	256745	41.61	ng		91
48) Acenaphthylene	9.86	152	1240230	39.12	ng		99
49) Dimethylphthalate	9.72	163	889939	40.78	ng		98
50) 2,6-Dinitrotoluene	9.79	165	222260	47.16	ng	#	83
51) Acenaphthene	10.03	154	822871	43.41	ng		95
52) 3-Nitroaniline	9.95	138	81550	15.12	ng		92
53) 2,4-Dinitrophenol	10.06	184	208230	86.45	ng	#	79
54) Dibenzofuran	10.21	168	1126527	44.43	ng	#	88
55) 4-Nitrophenol	10.13	139	291655	75.08	ng		95
56) 2,4-Dinitrotoluene	10.19	165	262247	41.80	ng		97
57) Fluorene	10.56	166	837740	42.95	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.33	232	205456	47.04	ng		99
59) Diethylphthalate	10.42	149	904572	43.98	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	408905	43.64	ng	#	80
61) 4-Nitroaniline	10.58	138	235283	42.59	ng		89
62) Azobenzene	10.70	77	1026408	48.31	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	144172	42.35	ng		82
65) n-Nitrosodiphenylamine	10.66	169	705063	39.15	ng		99
66) 4-Bromophenyl-phenylether	11.04	248	251628	42.72	ng	#	86
67) Hexachlorobenzene	11.10	284	240282	41.28	ng	#	87
68) Atrazine	11.20	200	262577	45.43	ng		94
69) Pentachlorophenol	11.30	266	238491	79.43	ng		98
70) Phenanthrene	11.52	178	1244876	38.54	ng		98
71) Anthracene	11.57	178	1317231	40.61	ng		97
72) Carbazole	11.72	167	1051854	33.93	ng		99
73) Di-n-butylphthalate	12.05	149	1476417	44.03	ng	#	96
74) Fluoranthene	12.71	202	1308986	39.29	ng		95
76) Benzidine	12.82	184	329939	20.90	ng		97
77) Pyrene	12.93	202	1294194	46.69	ng		99
79) Butylbenzylphthalate	13.55	149	558250	49.60	ng	#	69
80) Benzo(a)anthracene	14.11	228	958699	42.32	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	206679	25.59	ng		99
82) Chrysene	14.16	228	959864	45.26	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	729352	47.38	ng		98
84) Di-n-octyl phthalate	14.71	149	1166493	46.54	ng		99
85) Indeno(1,2,3-cd)pyrene	17.07	276	823905	50.15	ng		95
87) Benzo(b)fluoranthene	15.16	252	764992m	37.81	ng		
88) Benzo(k)fluoranthene	15.20	252	809517m	46.35	ng		
89) Benzo(a)pyrene	15.53	252	744190	42.53	ng		98
90) Dibenzo(a,h)anthracene	17.08	278	690741	48.84	ng		97
91) Benzo(g,h,i)perylene	17.52	276	716824	50.17	ng	#	93

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

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