Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
Data File : BF078257.D
Acq On : 6 Apr 2015 15:22
Operator : TP/IZ
Sample : PB82522BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82522BS

Quant Time: Apr 07 01:44:46 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 07 02:08:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	36216	20.00	ng		0.00
21) Naphthalene-d8	8.56	136	151492	20.00	ng		0.00
38) Acenaphthene-d10	10.72	164	76166	20.00	ng		0.00
63) Phenanthrene-d10	12.55	188	147616	20.00	ng		-0.01
75) Chrysene-d12	15.83	240	156078	20.00	ng		-0.02
86) Perylene-d12	17.54	264	147524	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	307091	139.81	ng		0.00
7) Phenol-d6	6.58	99	377473	137.12	ng		0.00
23) Nitrobenzene-d5	7.68	82	213755	85.53	ng		0.00
41) 2,4,6-Tribromophenol	11.70	330	96888	153.38	ng		0.00
44) 2-Fluorobiphenyl	9.90	172	497428	93.35	ng		0.00
78) Terphenyl-d14	14.55	244	590571	85.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	35012	35.25	ng		99
3) Pyridine	2.45	79	95394	36.66	ng		97
4) n-Nitrosodimethylamine	2.40	42	45300m	45.23	ng		
6) Aniline	6.57	93	84155	21.56	ng		94
8) 2-Chlorophenol	6.72	128	113305	43.62	ng		98
9) Benzaldehyde	6.42	77	61352	33.63	ng		91
10) Phenol	6.59	94	129826	39.36	ng		86
11) bis(2-Chloroethyl)ether	6.68	93	102395	43.17	ng		98
12) 1,3-Dichlorobenzene	6.90	146	117623	41.23	ng		94
13) 1,4-Dichlorobenzene	7.00	146	118782	41.36	ng		97
14) 1,2-Dichlorobenzene	7.18	146	111432	41.38	ng		96
15) Benzyl Alcohol	7.18	79	84527	43.70	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	7.36	45	136041	43.00	ng		96
17) 2-Methylphenol	7.34	107	85735	42.52	ng		94
18) Hexachloroethane	7.60	117	41529	42.88	ng	#	80
19) n-Nitroso-di-n-propylamine	7.52	70	74788	41.18	ng		98
20) 3+4-Methylphenols	7.54	107	116366	43.26	ng		94
22) Acetophenone	7.49	105	149652	42.40	ng	#	91
24) Nitrobenzene	7.70	77	107941	41.31	ng	#	81
25) Isophorone	8.01	82	195519	41.22	ng		98
26) 2-Nitrophenol	8.10	139	51441	41.32	ng		95
27) 2,4-Dimethylphenol	8.18	122	101804	43.97	ng		97
28) bis(2-Chloroethoxy)methane	8.29	93	131201	43.13	ng		99
29) 2,4-Dichlorophenol	8.41	162	93427	44.36	ng		99
30) 1,2,4-Trichlorobenzene	8.49	180	95696	39.63	ng		95
31) Naphthalene	8.58	128	314786	39.92	ng		99
32) Benzoic acid	8.32	122	54712	49.98	ng		96
33) 4-Chloroaniline	8.67	127	68949	21.07	ng		98
34) Hexachlorobutadiene	8.74	225	56643	42.72	ng		98
35) Caprolactam	9.10	113	29543	46.99	ng	#	75
36) 4-Chloro-3-methylphenol	9.30	107	93484	43.99	ng	#	81
37) 2-Methylnaphthalene	9.44	142	216523	40.45	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.64	216	95447	40.44	ng		99
40) Hexachlorocyclopentadiene	9.63	237	89971	87.83	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	66323	44.56	ng		98
43) 2,4,5-Trichlorophenol	9.85	196	70855	45.57	ng		97
45) 1,1'-Biphenyl	10.02	154	268162	43.04	ng		97
46) 2-Chloronaphthalene	10.04	162	210330	42.91	ng		96
47) 2-Nitroaniline	10.18	65	57152	47.12	ng		91
48) Acenaphthylene	10.54	152	331037	41.82	ng		99
49) Dimethylphthalate	10.42	163	243647	42.58	ng		99
50) 2,6-Dinitrotoluene	10.49	165	51283	43.56	ng	#	52
51) Acenaphthene	10.76	154	192664	43.23	ng		100
52) 3-Nitroaniline	10.69	138	39530	29.53	ng		91
53) 2,4-Dinitrophenol	10.83	184	29166	68.66	ng	#	86
54) Dibenzofuran	10.98	168	306617	45.05	ng		96
55) 4-Nitrophenol	10.93	139	77120	78.30	ng	#	73
56) 2,4-Dinitrotoluene	10.98	165	70233	46.06	ng	#	45
57) Fluorene	11.40	166	247871	44.92	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.14	232	53782	46.65	ng		99
59) Diethylphthalate	11.30	149	241246	43.72	ng		97
60) 4-Chlorophenyl-phenylether	11.41	204	114287	45.03	ng	#	87
61) 4-Nitroaniline	11.45	138	58856	43.49	ng		93
62) Azobenzene	11.61	77	253571	50.36	ng		91
64) 4,6-Dinitro-2-methylphenol	11.48	198	26741	38.55	ng	#	71
65) n-Nitrosodiphenylamine	11.56	169	208467	40.83	ng		99
66) 4-Bromophenyl-phenylether	12.02	248	66348	42.44	ng	#	83
67) Hexachlorobenzene	12.07	284	70897	41.39	ng	#	90
68) Atrazine	12.25	200	70849	47.91	ng		97
69) Pentachlorophenol	12.33	266	65335	85.42	ng		99
70) Phenanthrene	12.58	178	364725	42.71	ng		100
71) Anthracene	12.65	178	369114	43.87	ng		99
72) Carbazole	12.85	167	358660	45.48	ng		99
73) Di-n-butylphthalate	13.32	149	410783	45.99	ng		98
74) Fluoranthene	14.05	202	389089	43.21	ng		90
76) Benzidine	14.24	184	143040	23.80	ng		99
77) Pyrene	14.33	202	424635	43.34	ng		99
79) Butylbenzylphthalate	15.17	149	177493	47.53	ng	#	80
80) Benzo(a)anthracene	15.81	228	384628	41.42	ng		100
81) 3,3'-Dichlorobenzidine	15.80	252	84108	27.04	ng	#	99
82) Chrysene	15.85	228	363093	41.62	ng		100
83) Bis(2-ethylhexyl)phthalate	15.89	149	265910	45.40	ng		98
84) Di-n-octyl phthalate	16.68	149	462136	48.05	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.84	276	413504	41.77	ng	#	86
87) Benzo(b)fluoranthene	17.09	252	400803	43.96	ng	#	95
88) Benzo(k)fluoranthene	17.13	252	338277m	41.75	ng		
89) Benzo(a)pyrene	17.48	252	357753	44.96	ng		98
90) Dibenzo(a,h)anthracene	18.87	278	318745	40.01	ng		97
91) Benzo(g,h,i)perylene	19.22	276	340353	42.61	ng		96

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

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