Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078314.D
Acq On : 7 Apr 2015 22:53
Operator : TP/IZ
Sample : PB82571BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82571BS

Quant Time: Apr 08 02:16:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 01:52:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	32850	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	132700	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	66853	20.00	ng		0.00
63) Phenanthrene-d10	12.50	188	126973	20.00	ng		0.00
75) Chrysene-d12	15.77	240	139116	20.00	ng		-0.01
86) Perylene-d12	17.47	264	132624	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	274846	137.95	ng		0.01
7) Phenol-d6	6.53	99	347732	139.26	ng		0.00
23) Nitrobenzene-d5	7.63	82	186313	85.10	ng		0.00
41) 2,4,6-Tribromophenol	11.65	330	86254	155.57	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	421662	90.16	ng		0.00
78) Terphenyl-d14	14.50	244	512039	83.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	32038	35.56	ng		97
3) Pyridine	2.38	79	93086	39.44	ng		98
4) n-Nitrosodimethylamine	2.32	42	43239m	47.60	ng		
6) Aniline	6.52	93	49574	14.00	ng		90
8) 2-Chlorophenol	6.67	128	104409	44.32	ng		91
9) Benzaldehyde	6.37	77	39210	23.69	ng		99
10) Phenol	6.54	94	129936	43.43	ng		100
11) bis(2-Chloroethyl)ether	6.64	93	95579	44.42	ng		97
12) 1,3-Dichlorobenzene	6.85	146	109206	42.20	ng	#	92
13) 1,4-Dichlorobenzene	6.96	146	110556	42.44	ng		95
14) 1,2-Dichlorobenzene	7.14	146	102719	42.06	ng		92
15) Benzyl Alcohol	7.13	79	78834	44.93	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.31	45	124047	43.22	ng		97
17) 2-Methylphenol	7.29	107	80222	43.86	ng		96
18) Hexachloroethane	7.55	117	38237	43.53	ng	#	85
19) n-Nitroso-di-n-propylamine	7.46	70	67729	41.11	ng	#	85
20) 3+4-Methylphenols	7.49	107	108664	44.53	ng		92
22) Acetophenone	7.45	105	138645	44.84	ng	#	90
24) Nitrobenzene	7.65	77	98336	42.97	ng	#	84
25) Isophorone	7.96	82	181585	43.70	ng		98
26) 2-Nitrophenol	8.05	139	49260	45.17	ng		94
27) 2,4-Dimethylphenol	8.13	122	93347	46.03	ng		97
28) bis(2-Chloroethoxy)methane	8.25	93	117484	44.09	ng		99
29) 2,4-Dichlorophenol	8.36	162	85212	46.18	ng		98
30) 1,2,4-Trichlorobenzene	8.44	180	88688	41.92	ng		96
31) Naphthalene	8.53	128	293298	42.46	ng		99
32) Benzoic acid	8.27	122	53367	54.99	ng		98
33) 4-Chloroaniline	8.62	127	44908	15.67	ng		98
34) Hexachlorobutadiene	8.69	225	49185	42.34	ng		96
35) Caprolactam	9.06	113	25844	46.93	ng	#	80
36) 4-Chloro-3-methylphenol	9.25	107	84286	45.27	ng	#	82
37) 2-Methylnaphthalene	9.39	142	197370	42.09	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	86533	41.77	ng		99
40) Hexachlorocyclopentadiene	9.58	237	80474	89.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	61190	46.84	ng		99
43) 2,4,5-Trichlorophenol	9.80	196	63970	46.87	ng		96
45) 1,1'-Biphenyl	9.97	154	231428	42.32	ng		97
46) 2-Chloronaphthalene	10.00	162	192524	44.75	ng		96
47) 2-Nitroaniline	10.13	65	50237	47.19	ng	#	85
48) Acenaphthylene	10.50	152	298799	43.01	ng		99
49) Dimethylphthalate	10.37	163	211649	42.14	ng		99
50) 2,6-Dinitrotoluene	10.44	165	45598	44.13	ng	#	45
51) Acenaphthene	10.72	154	180470	46.14	ng		99
52) 3-Nitroaniline	10.65	138	30223	25.72	ng		88
53) 2,4-Dinitrophenol	10.78	184	31300	78.58	ng	#	83
54) Dibenzofuran	10.93	168	272700	45.64	ng		94
55) 4-Nitrophenol	10.89	139	73789	85.10	ng	#	83
56) 2,4-Dinitrotoluene	10.94	165	62177	46.46	ng	#	84
57) Fluorene	11.36	166	218634	45.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.09	232	48402	47.84	ng		99
59) Diethylphthalate	11.25	149	223201	46.09	ng		100
60) 4-Chlorophenyl-phenylether	11.37	204	101918	45.75	ng	#	86
61) 4-Nitroaniline	11.40	138	47941	40.36	ng		89
62) Azobenzene	11.56	77	226429	51.23	ng		90
64) 4,6-Dinitro-2-methylphenol	11.44	198	24993	41.14	ng	#	72
65) n-Nitrosodiphenylamine	11.52	169	189972	43.25	ng		98
66) 4-Bromophenyl-phenylether	11.97	248	58506	43.51	ng	#	80
67) Hexachlorobenzene	12.02	284	65401	44.38	ng		98
68) Atrazine	12.20	200	62715	49.30	ng		97
69) Pentachlorophenol	12.28	266	62361	93.94	ng		98
70) Phenanthrene	12.53	178	331077	45.08	ng		99
71) Anthracene	12.59	178	326770	45.15	ng		100
72) Carbazole	12.81	167	315682	46.54	ng		99
73) Di-n-butylphthalate	13.28	149	353978	46.07	ng		99
74) Fluoranthene	14.00	202	360131	46.49	ng		95
76) Benzidine	14.19	184	111950	20.90	ng		98
77) Pyrene	14.27	202	371552	42.55	ng		98
79) Butylbenzylphthalate	15.12	149	163504	49.12	ng		94
80) Benzo(a)anthracene	15.76	228	355568	42.96	ng		99
81) 3,3'-Dichlorobenzidine	15.75	252	74032	26.71	ng	#	98
82) Chrysene	15.80	228	336908	43.32	ng		99
83) Bis(2-ethylhexyl)phthalate	15.85	149	246914	47.30	ng		98
84) Di-n-octyl phthalate	16.63	149	430688	50.24	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.74	276	381999m	43.29	ng		
87) Benzo(b)fluoranthene	17.04	252	341979	41.72	ng		99
88) Benzo(k)fluoranthene	17.07	252	355650m	48.83	ng		
89) Benzo(a)pyrene	17.40	252	328575	45.93	ng	#	95
90) Dibenzo(a,h)anthracene	18.76	278	302421	42.23	ng	#	96
91) Benzo(g,h,i)perylene	19.11	276	308278	42.93	ng		98

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

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