Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078315.D
Acq On : 7 Apr 2015 23:22
Operator : TP/IZ
Sample : PB82571BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB82571BSD

Quant Time: Apr 08 02:18:30 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	28647	20.00	ng		0.00
21) Naphthalene-d8	8.51	136	119903	20.00	ng		0.00
38) Acenaphthene-d10	10.67	164	60305	20.00	ng		0.00
63) Phenanthrene-d10	12.50	188	116511	20.00	ng		0.00
75) Chrysene-d12	15.77	240	121957	20.00	ng		-0.01
86) Perylene-d12	17.44	264	116708	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	259779	149.52	ng		0.01
7) Phenol-d6	6.53	99	330387	151.73	ng		0.00
23) Nitrobenzene-d5	7.63	82	186486	94.27	ng		0.00
41) 2,4,6-Tribromophenol	11.65	330	81054	162.06	ng		0.00
44) 2-Fluorobiphenyl	9.86	172	407638	96.62	ng		0.00
78) Terphenyl-d14	14.49	244	481365	89.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.77	88	29745	37.86	ng	#	96
3) Pyridine	2.37	79	100970	49.06	ng		96
4) n-Nitrosodimethylamine	2.32	42	39871m	50.33	ng		
6) Aniline	6.52	93	58717	19.02	ng		94
8) 2-Chlorophenol	6.67	128	98424	47.91	ng		91
9) Benzaldehyde	6.37	77	38337	26.56	ng		96
10) Phenol	6.54	94	124940	47.89	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	92292	49.19	ng		96
12) 1,3-Dichlorobenzene	6.85	146	106434	47.16	ng	#	92
13) 1,4-Dichlorobenzene	6.96	146	107274	47.22	ng		96
14) 1,2-Dichlorobenzene	7.14	146	100408	47.14	ng		93
15) Benzyl Alcohol	7.13	79	76896	50.25	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.31	45	121853	48.69	ng		98
17) 2-Methylphenol	7.29	107	78367	49.13	ng		95
18) Hexachloroethane	7.55	117	36940	48.22	ng	#	86
19) n-Nitroso-di-n-propylamine	7.46	70	65586	45.65	ng	#	86
20) 3+4-Methylphenols	7.49	107	104654	49.18	ng		90
22) Acetophenone	7.45	105	136248	48.77	ng	#	91
24) Nitrobenzene	7.65	77	98528	47.64	ng	#	86
25) Isophorone	7.96	82	173577	46.23	ng		98
26) 2-Nitrophenol	8.05	139	46657	47.35	ng		91
27) 2,4-Dimethylphenol	8.13	122	91053	49.69	ng		97
28) bis(2-Chloroethoxy)methane	8.25	93	116985	48.59	ng		98
29) 2,4-Dichlorophenol	8.35	162	81665	48.99	ng		88
30) 1,2,4-Trichlorobenzene	8.44	180	86426	45.21	ng		97
31) Naphthalene	8.53	128	290030	46.47	ng		99
32) Benzoic acid	8.26	122	48257	55.03	ng		98
33) 4-Chloroaniline	8.62	127	57598	22.24	ng		98
34) Hexachlorobutadiene	8.69	225	49371	47.04	ng		96
35) Caprolactam	9.05	113	25154	50.55	ng		96
36) 4-Chloro-3-methylphenol	9.25	107	81183	48.26	ng	#	77
37) 2-Methylnaphthalene	9.39	142	194416	45.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	83528	44.70	ng		97
40) Hexachlorocyclopentadiene	9.58	237	80480	98.34	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	58764	49.87	ng		98
43) 2,4,5-Trichlorophenol	9.80	196	63940	51.94	ng		93
45) 1,1'-Biphenyl	9.97	154	232867	47.21	ng		98
46) 2-Chloronaphthalene	10.00	162	187368	48.28	ng		95
47) 2-Nitroaniline	10.13	65	50754	52.86	ng	#	84
48) Acenaphthylene	10.50	152	299368	47.77	ng		99
49) Dimethylphthalate	10.37	163	213708	47.17	ng		99
50) 2,6-Dinitrotoluene	10.44	165	45682	49.01	ng	#	54
51) Acenaphthene	10.72	154	172662	48.93	ng		97
52) 3-Nitroaniline	10.65	138	35506	33.50	ng		94
53) 2,4-Dinitrophenol	10.79	184	18454	58.99	ng	#	90
54) Dibenzofuran	10.93	168	264981	49.17	ng		95
55) 4-Nitrophenol	10.89	139	73973	94.27	ng		87
56) 2,4-Dinitrotoluene	10.93	165	60510	50.12	ng	#	49
57) Fluorene	11.35	166	213819	48.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.09	232	49713m	54.47	ng		
59) Diethylphthalate	11.25	149	214162	49.02	ng		99
60) 4-Chlorophenyl-phenylether	11.37	204	99842	49.68	ng	#	87
61) 4-Nitroaniline	11.39	138	45958	42.89	ng		90
62) Azobenzene	11.56	77	220577	55.33	ng		88
64) 4,6-Dinitro-2-methylphenol	11.44	198	21605	39.25	ng	#	66
65) n-Nitrosodiphenylamine	11.52	169	191254	47.46	ng		98
66) 4-Bromophenyl-phenylether	11.96	248	58154	47.13	ng		93
67) Hexachlorobenzene	12.02	284	63245	46.77	ng		98
68) Atrazine	12.19	200	60968	52.23	ng		94
69) Pentachlorophenol	12.27	266	61413	100.25	ng		99
70) Phenanthrene	12.53	178	320899	47.61	ng		100
71) Anthracene	12.59	178	317802	47.85	ng		100
72) Carbazole	12.81	167	306960	49.32	ng		99
73) Di-n-butylphthalate	13.28	149	353439	50.13	ng		99
74) Fluoranthene	14.00	202	352424	49.58	ng		94
76) Benzidine	14.19	184	149256	31.78	ng		98
77) Pyrene	14.27	202	365354	47.72	ng		98
79) Butylbenzylphthalate	15.12	149	155833	53.40	ng		93
80) Benzo(a)anthracene	15.76	228	362292	49.93	ng		99
81) 3,3'-Dichlorobenzidine	15.75	252	72308	29.75	ng	#	98
82) Chrysene	15.79	228	311761	45.73	ng		99
83) Bis(2-ethylhexyl)phthalate	15.84	149	238811	52.18	ng	#	96
84) Di-n-octyl phthalate	16.61	149	401692	53.46	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.69	276	371697m	48.05	ng		
87) Benzo(b)fluoranthene	17.01	252	326372	45.25	ng	#	98
88) Benzo(k)fluoranthene	17.05	252	342926m	53.50	ng		
89) Benzo(a)pyrene	17.38	252	326961	51.94	ng		98
90) Dibenzo(a,h)anthracene	18.73	278	289842	45.99	ng		99
91) Benzo(g,h,i)perylene	19.06	276	299959	47.47	ng		97

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

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